

FIG. 1

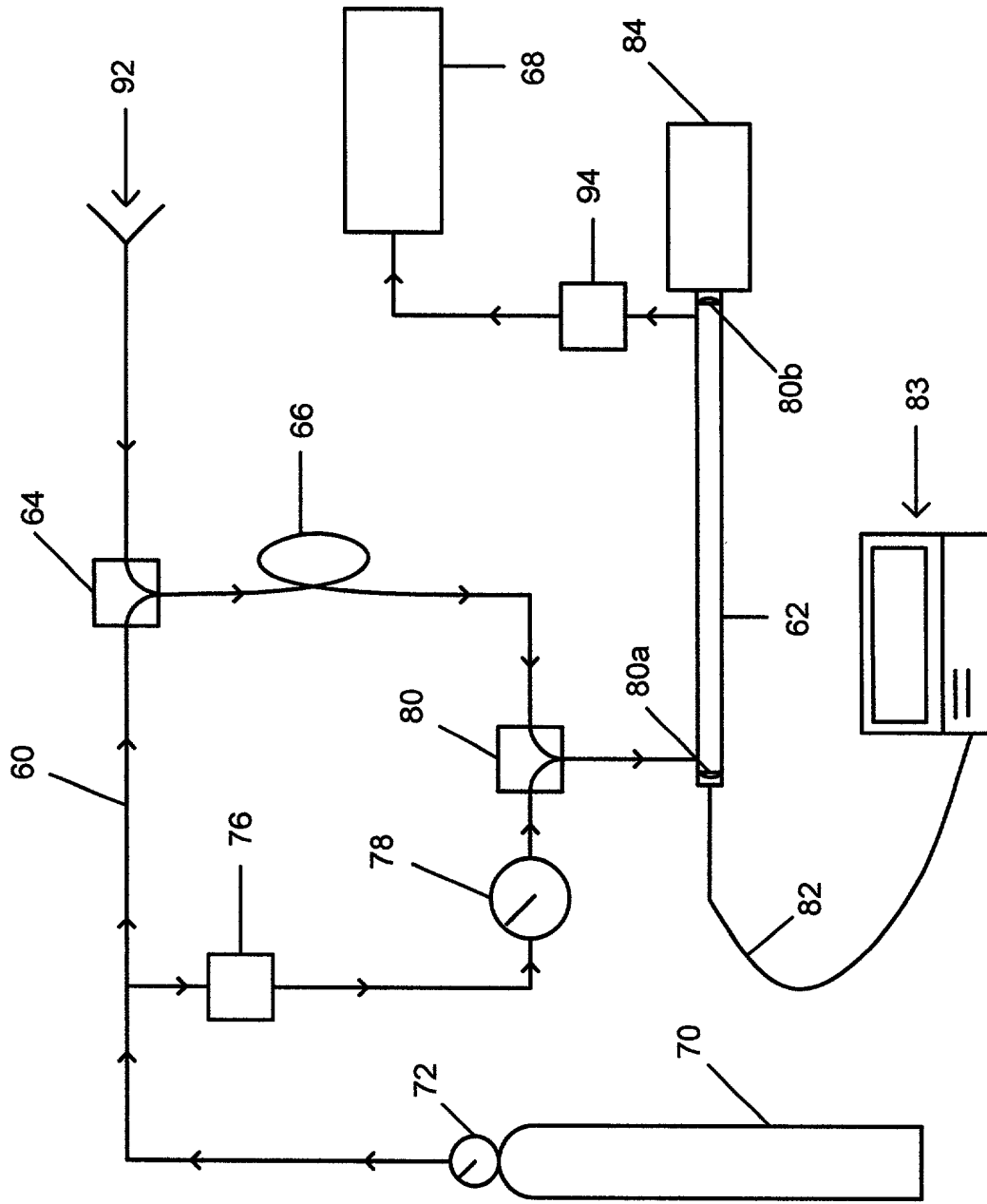


FIG. 2

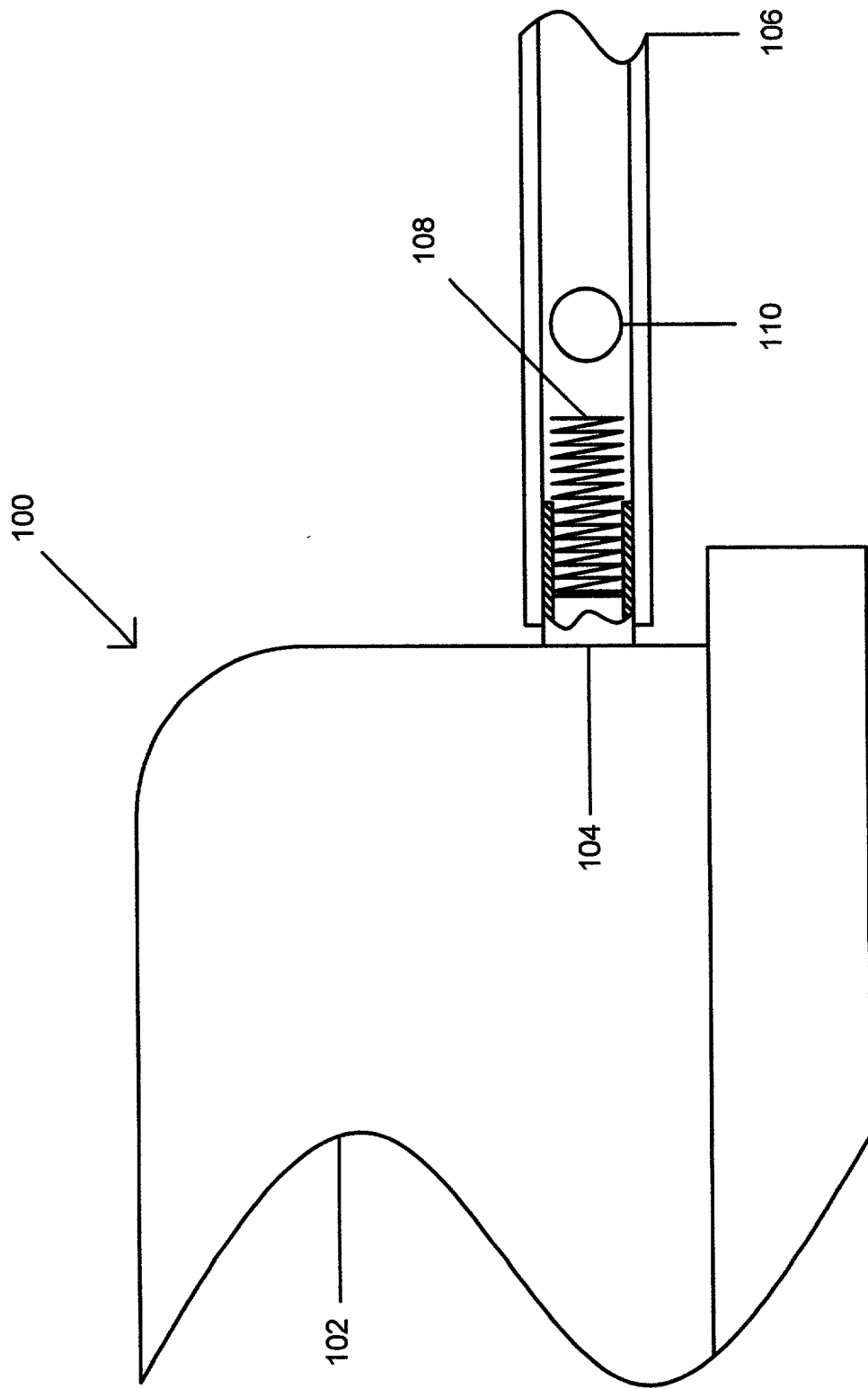


FIG. 3

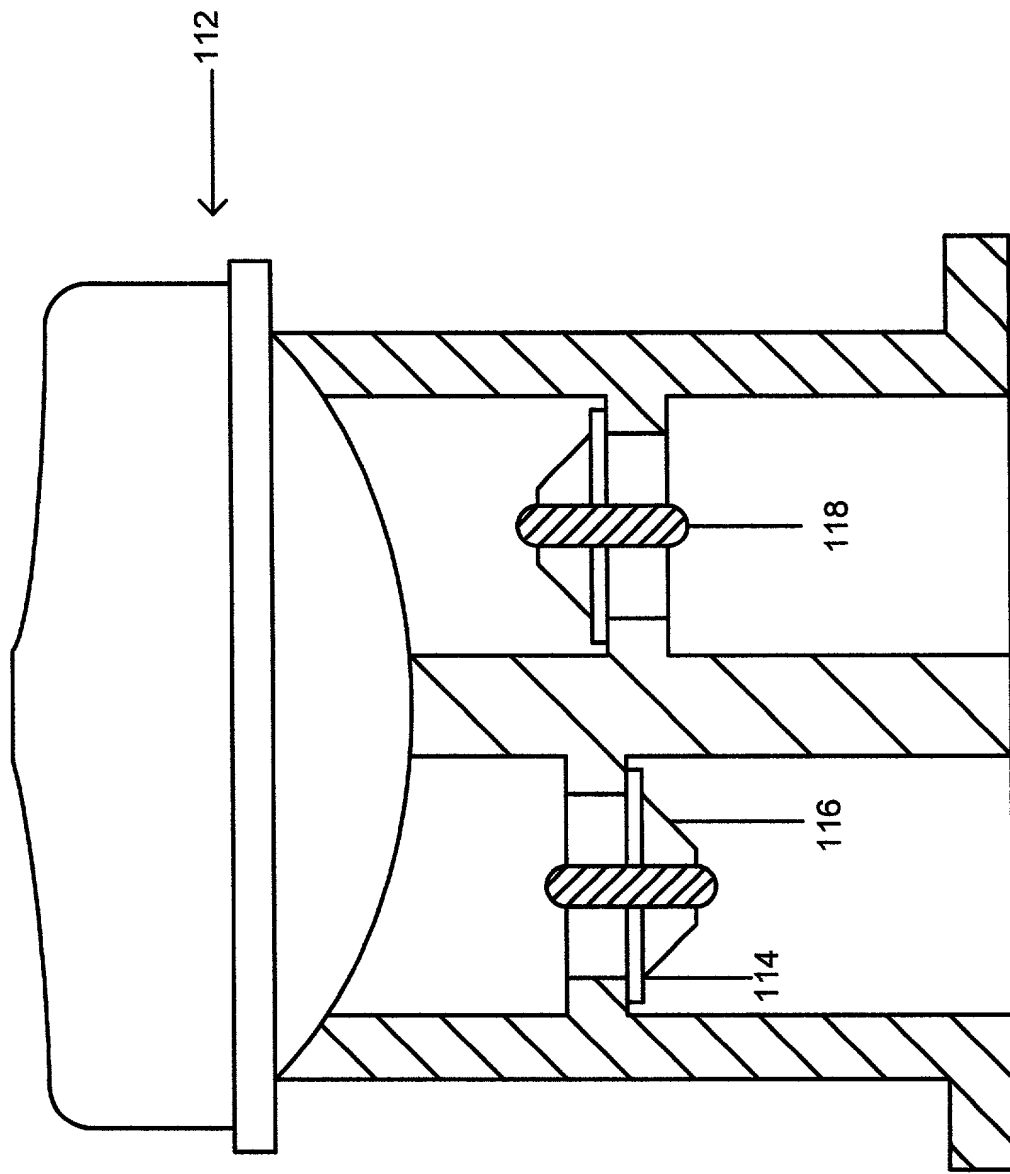


FIG. 4

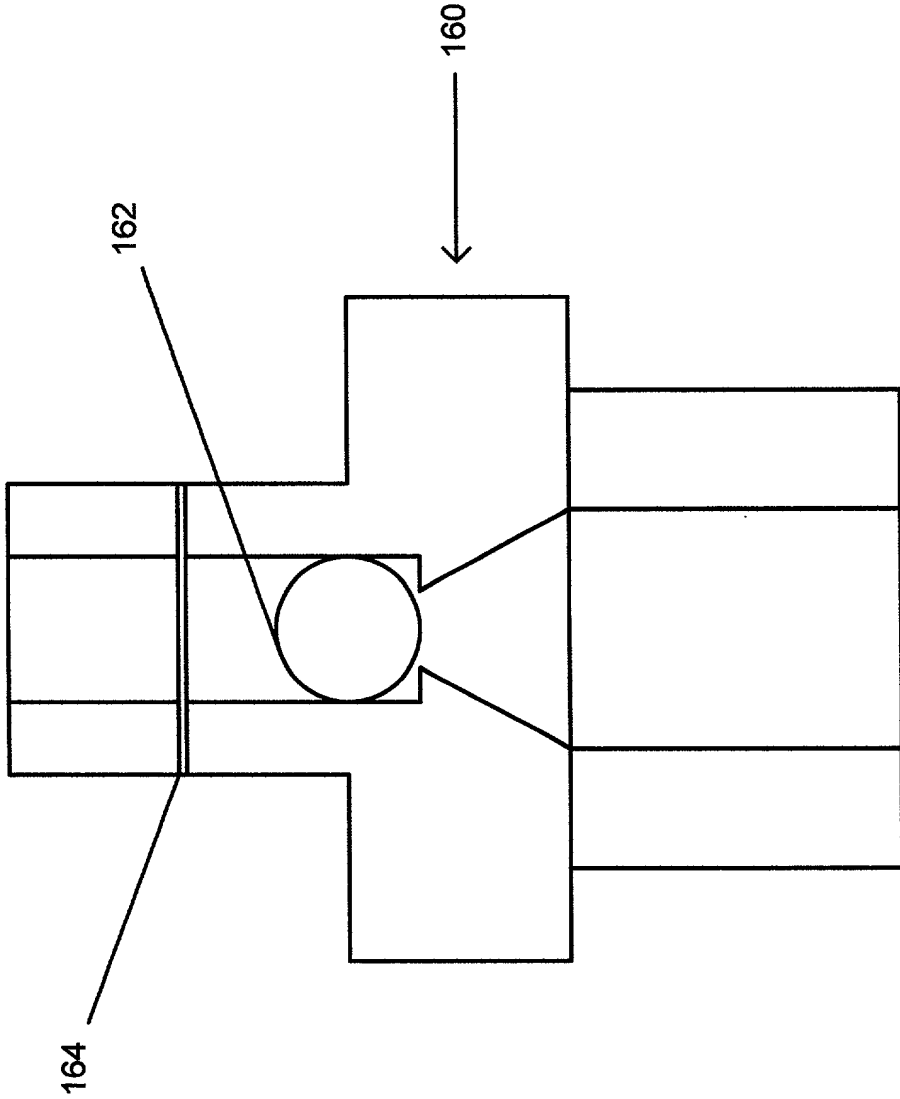


FIG. 5

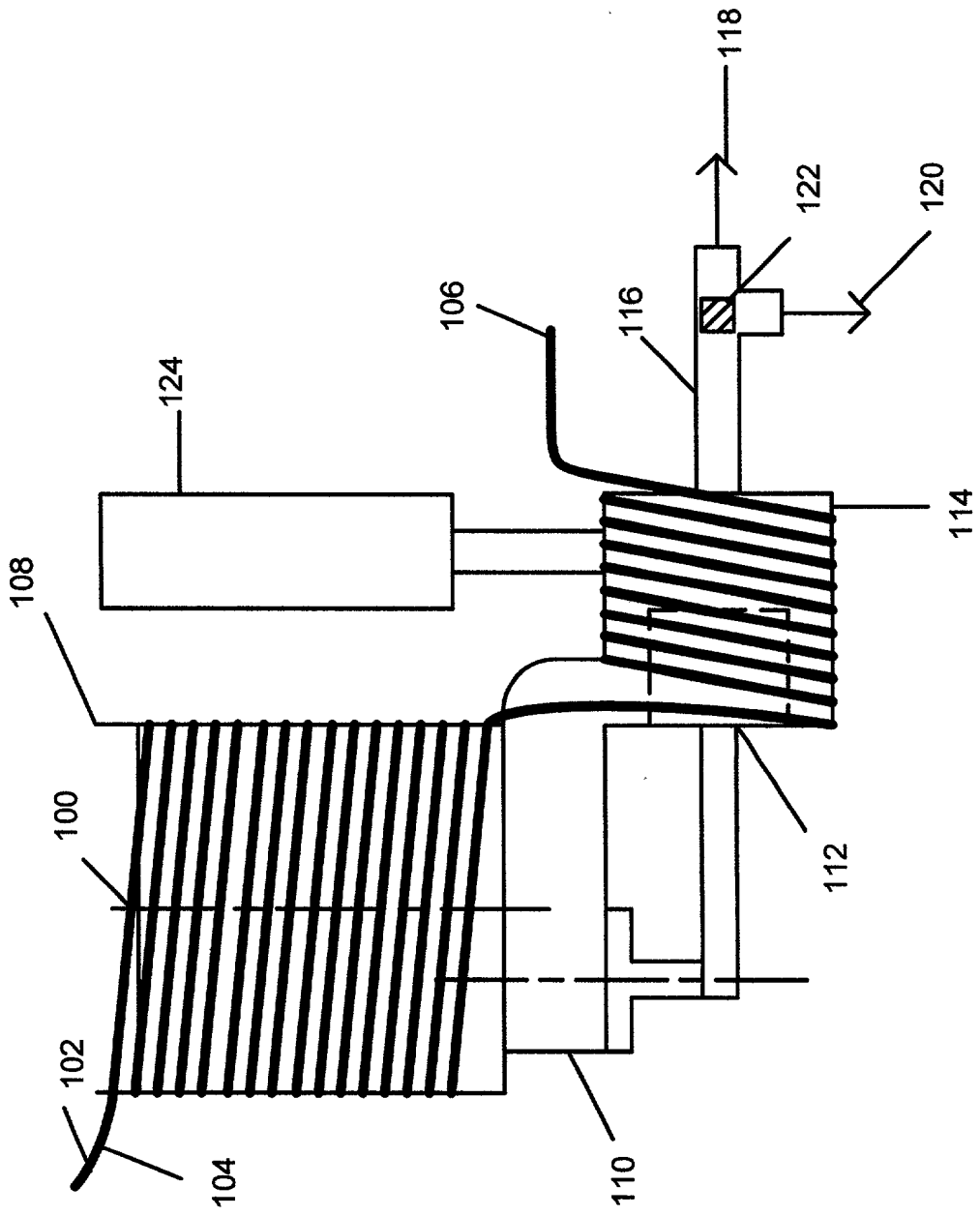


FIG.6

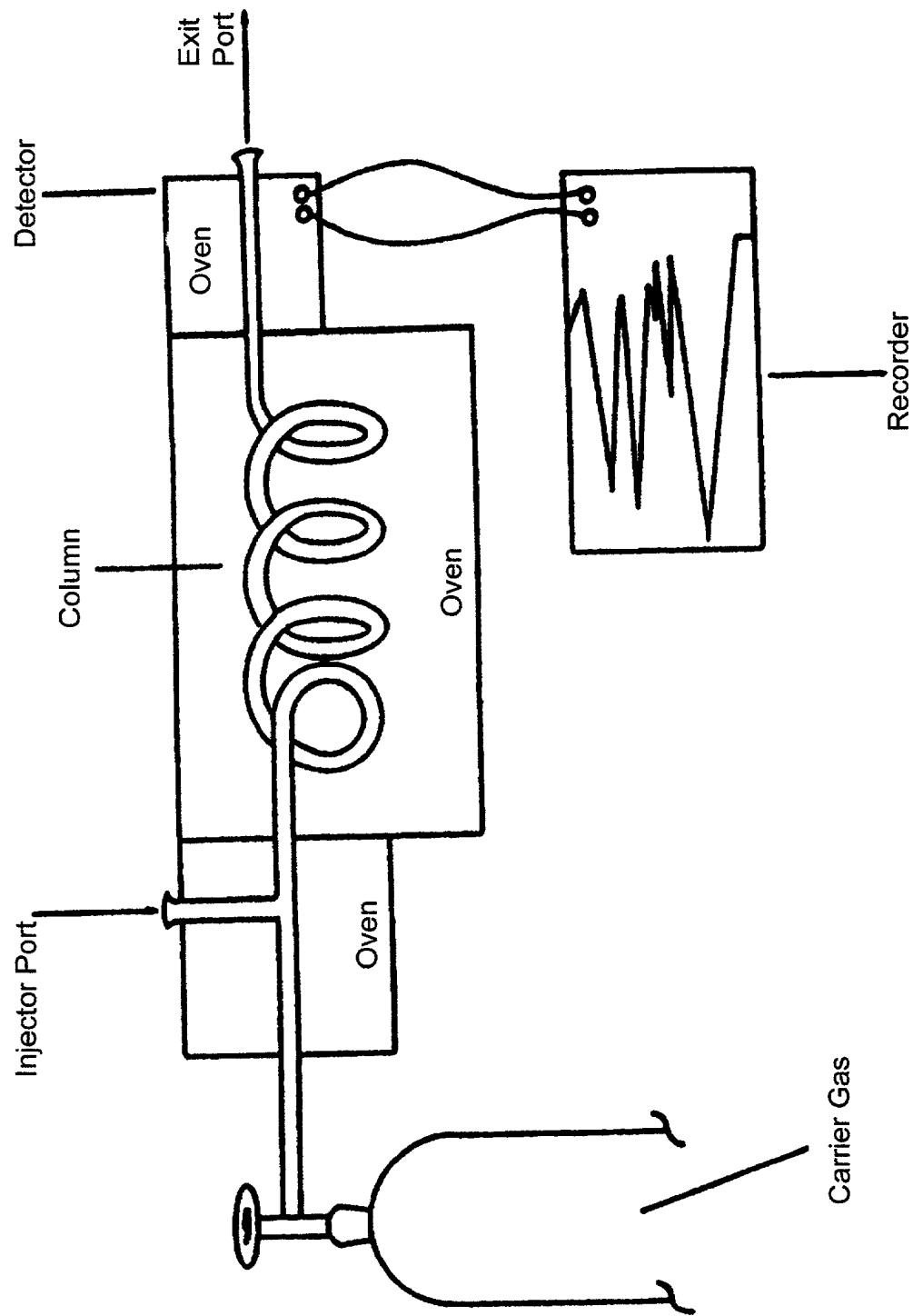


FIG. 7

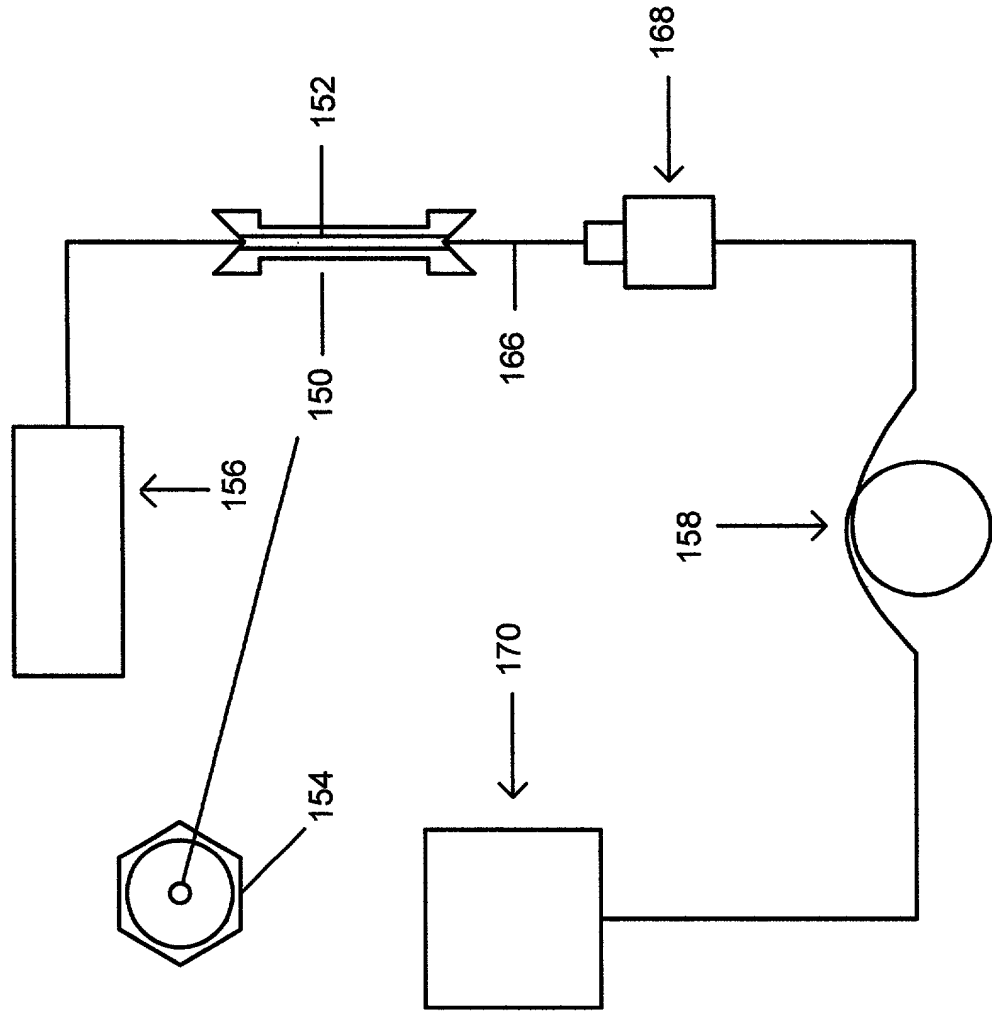


FIG. 8

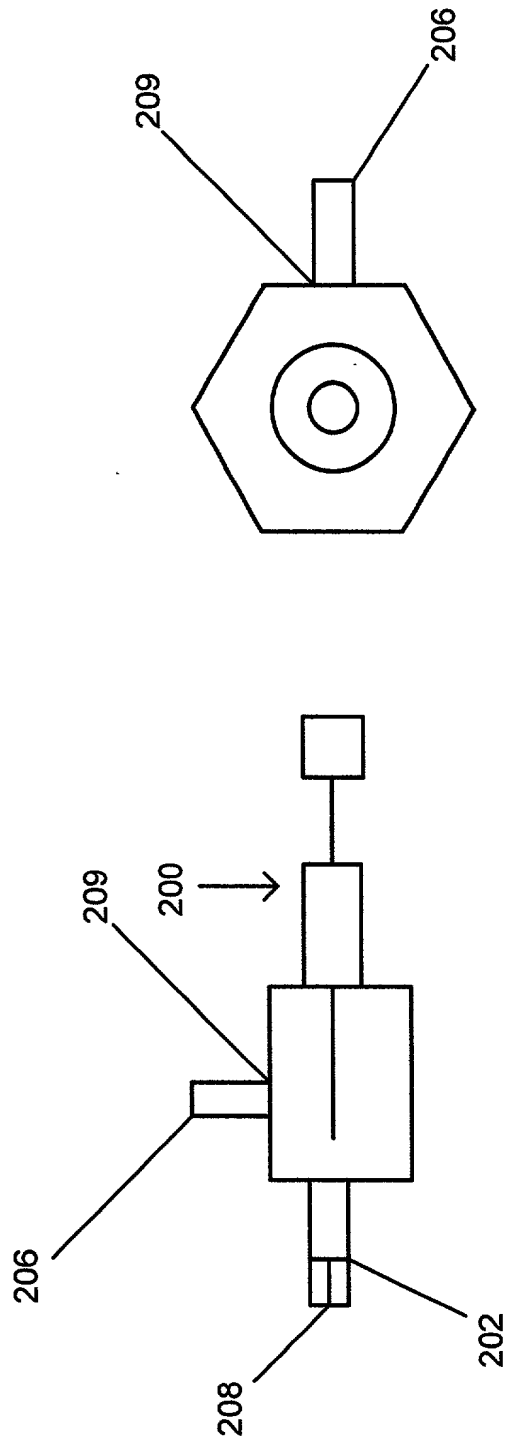


FIG. 9

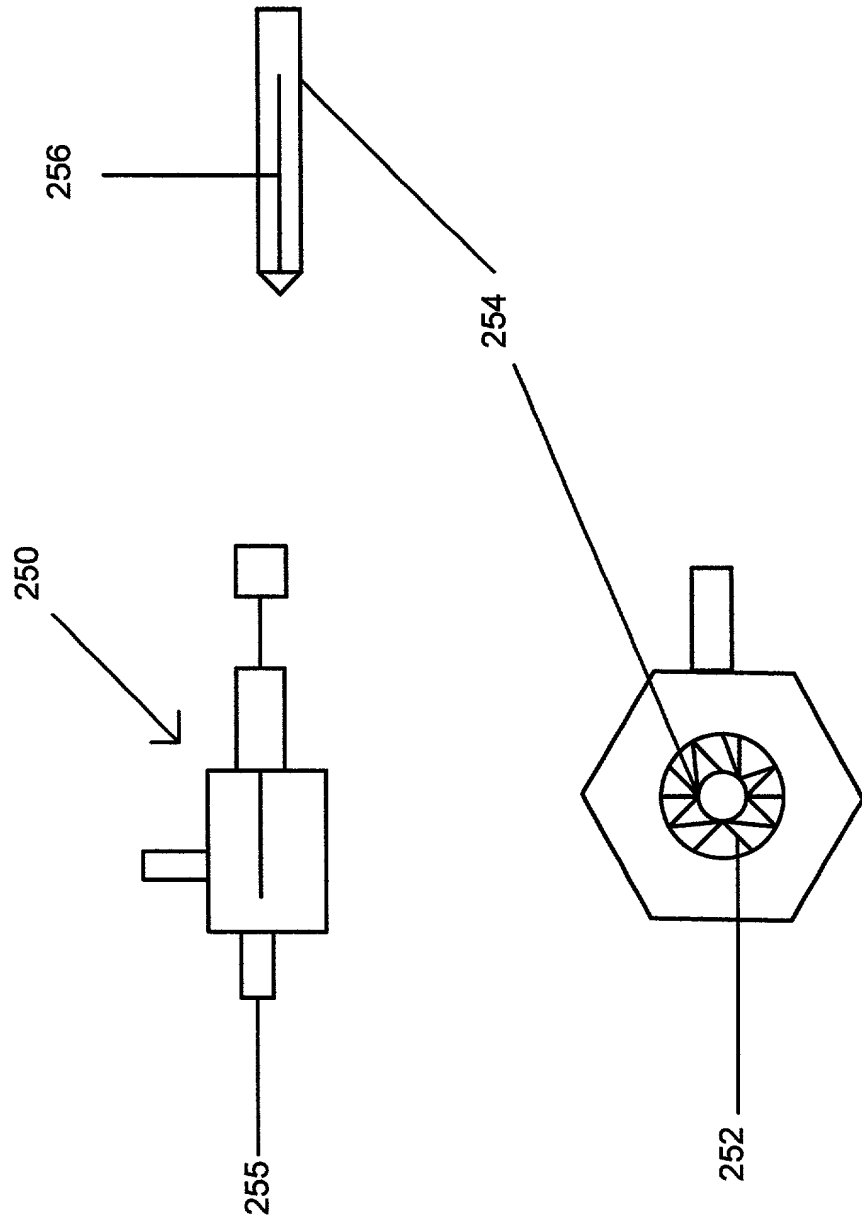


FIG. 10

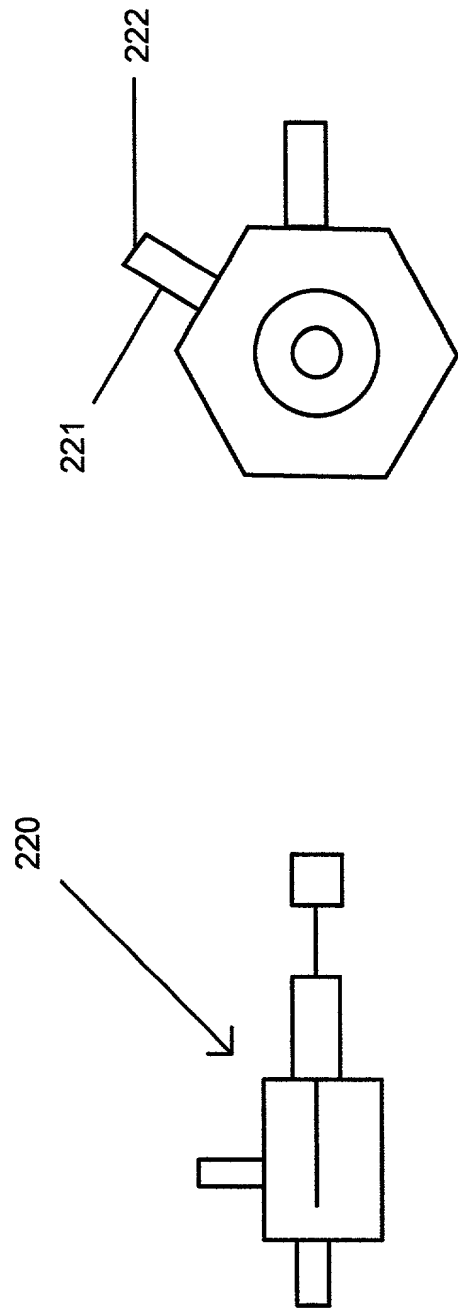


FIG. 11

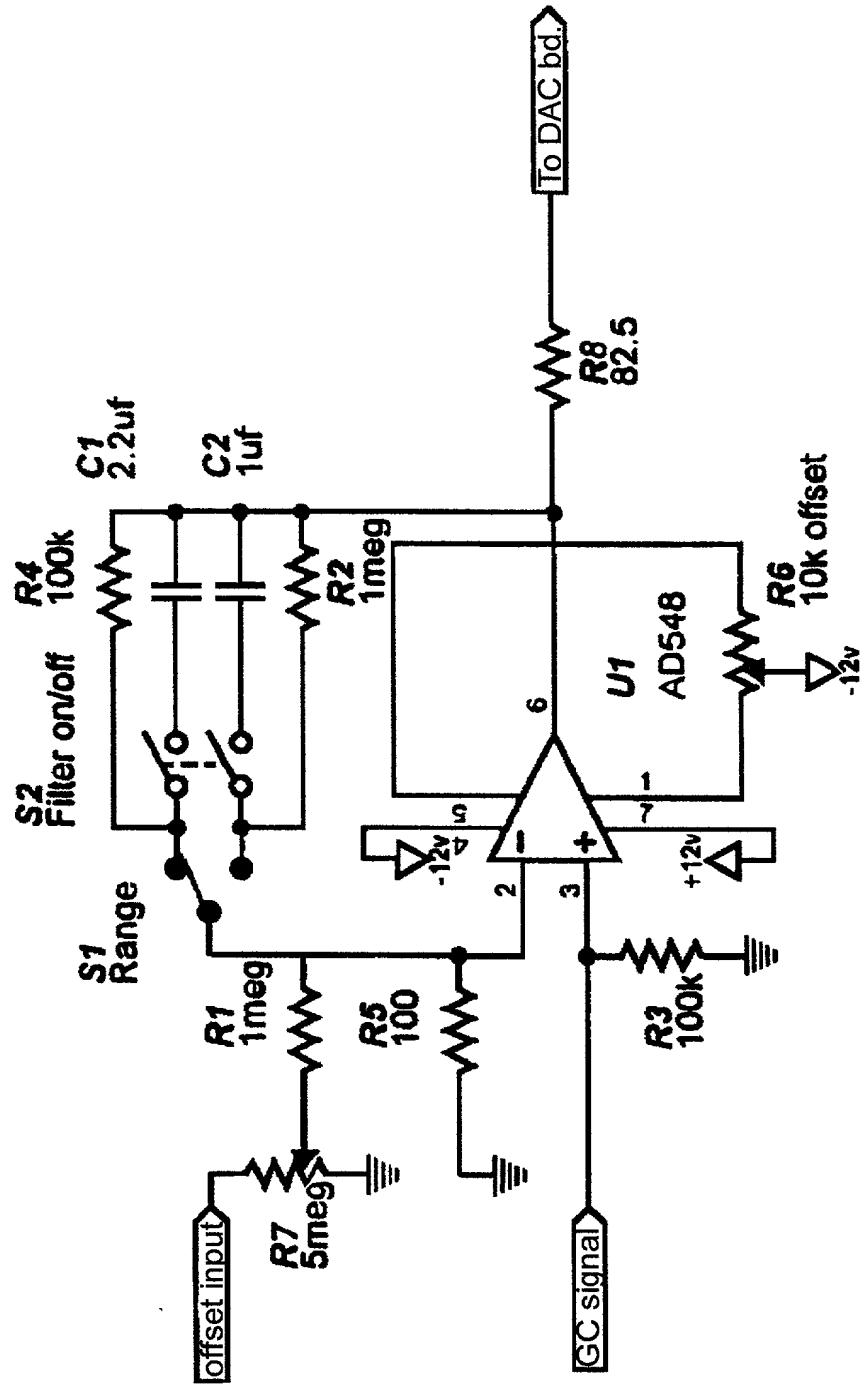


FIG. 12

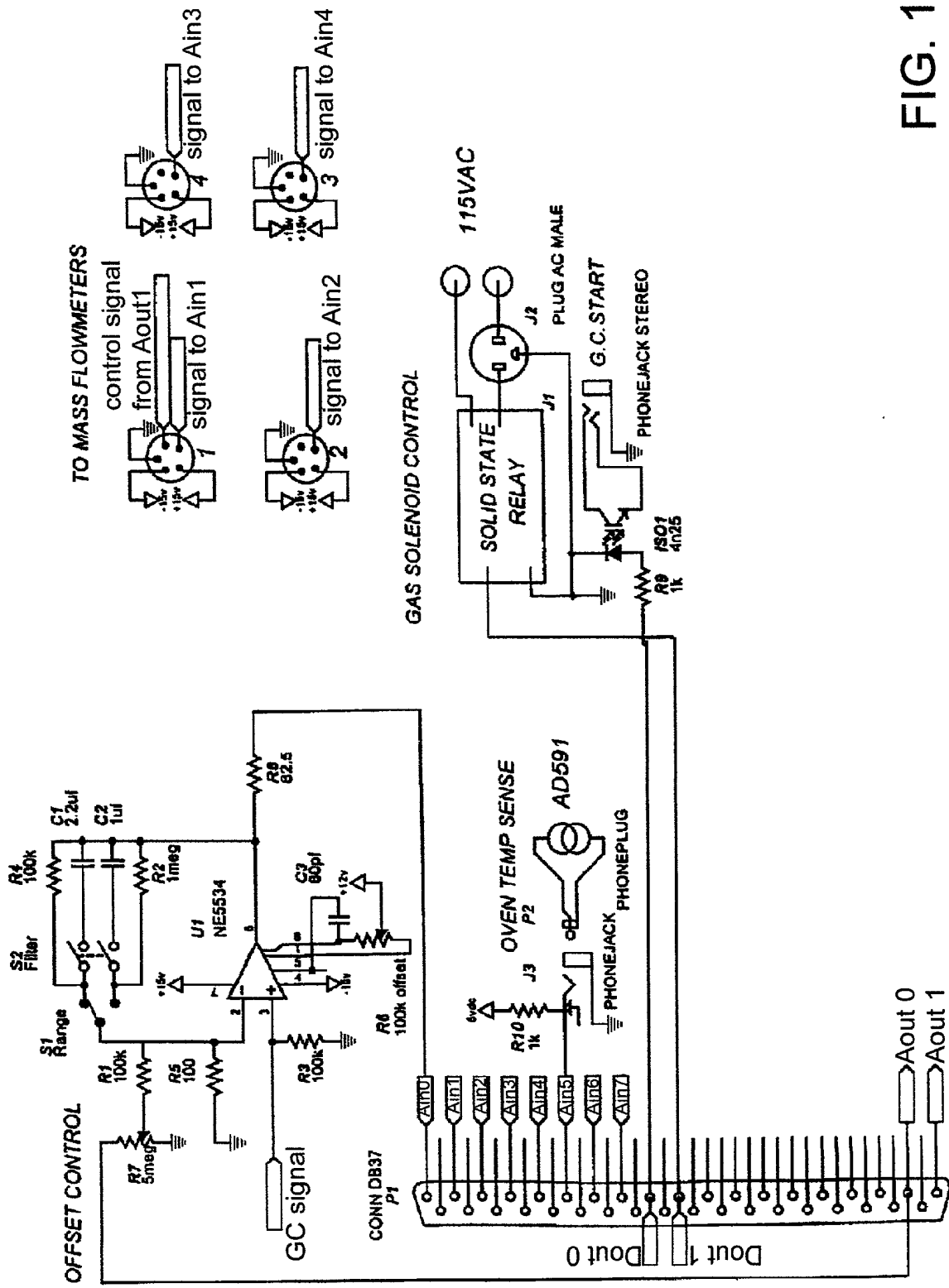


FIG. 13

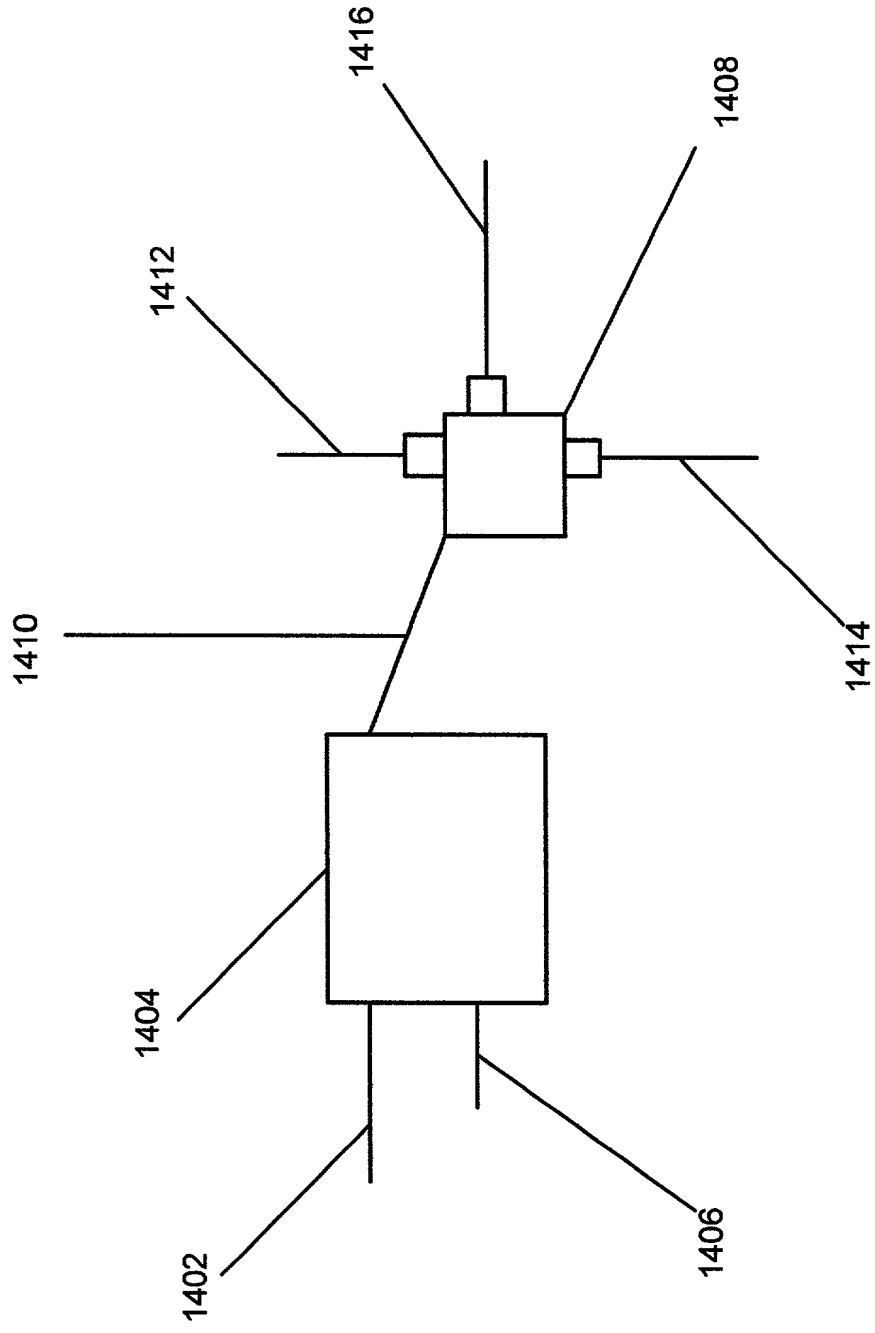


FIG. 14

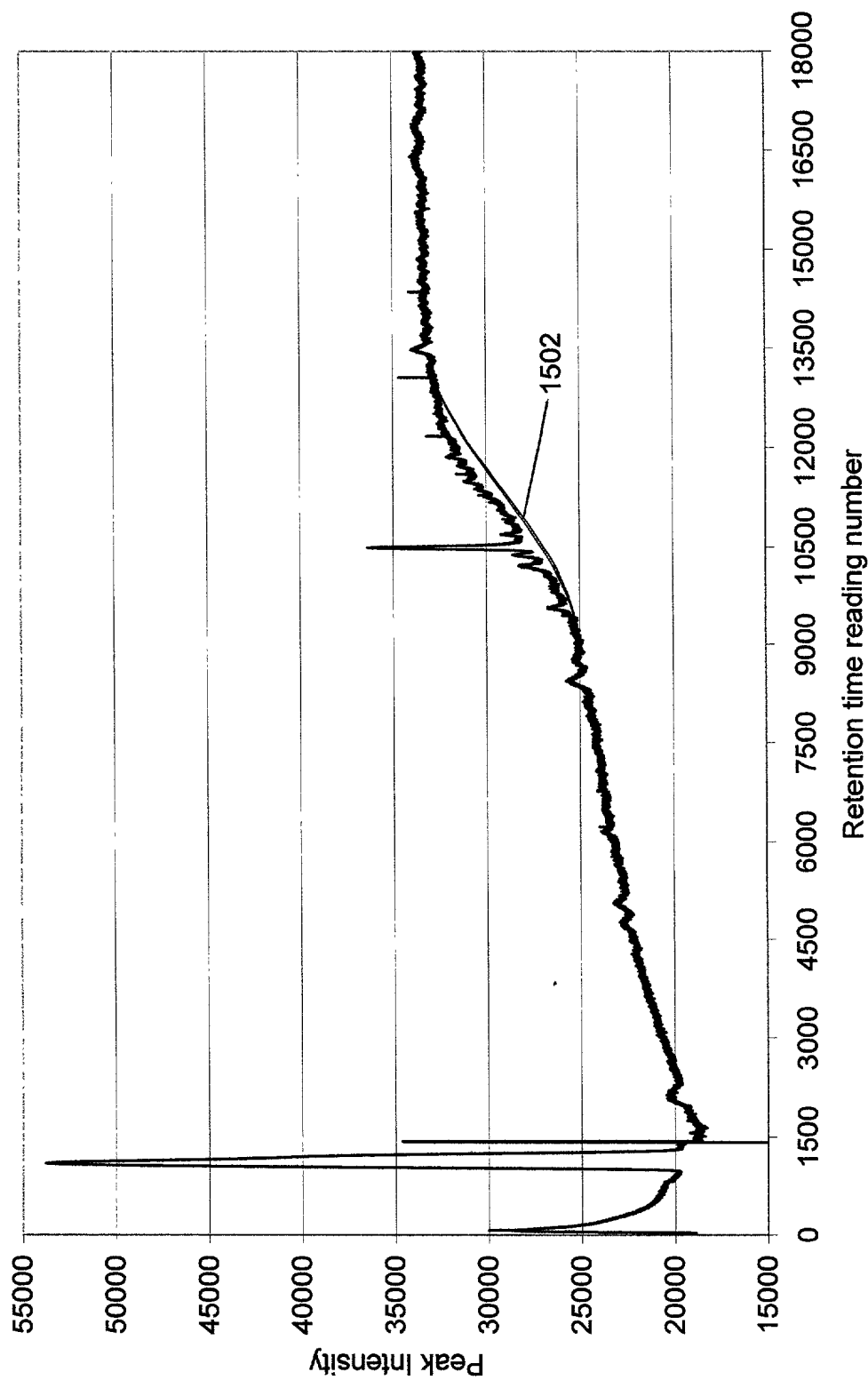


FIG. 15

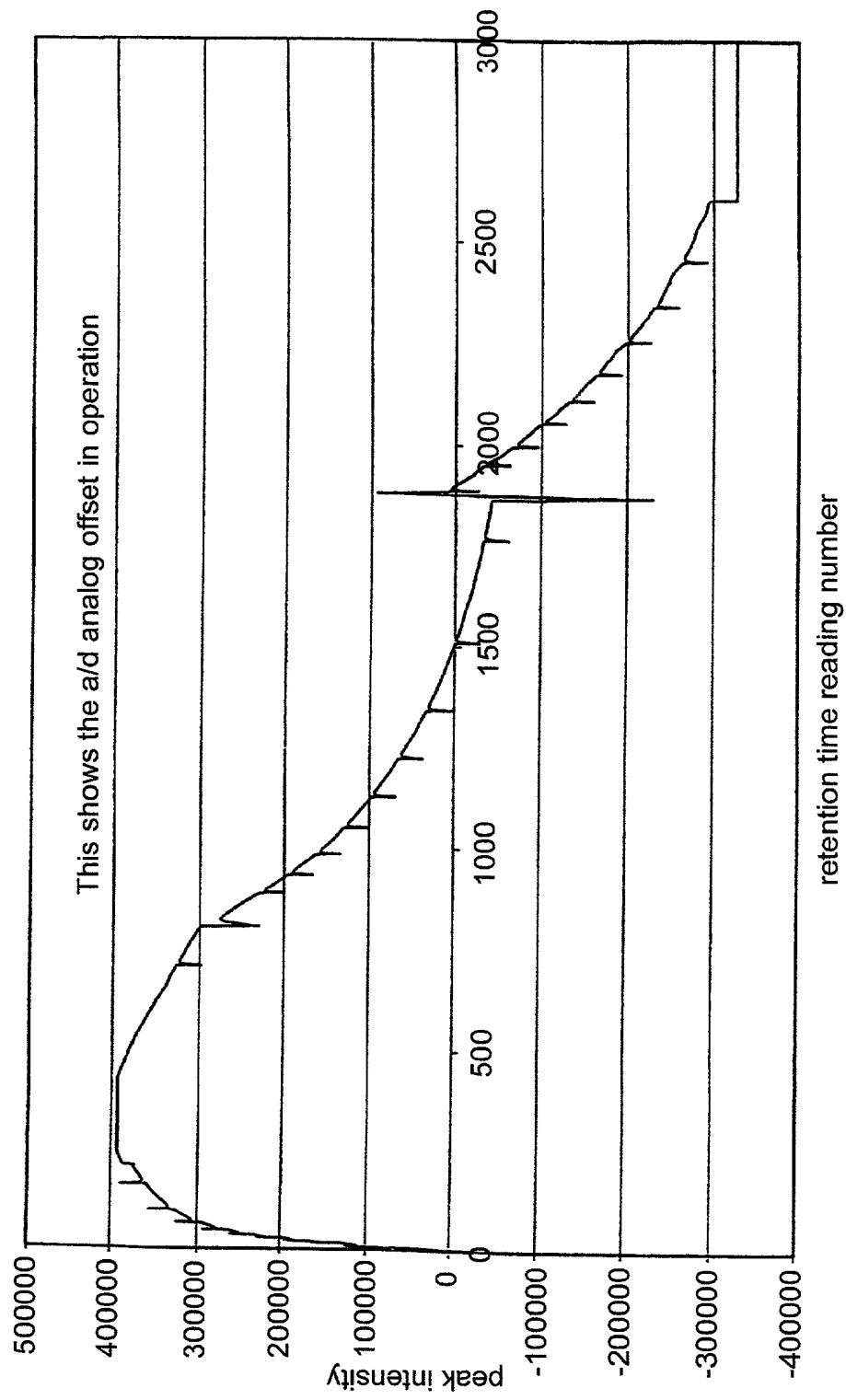


FIG. 16

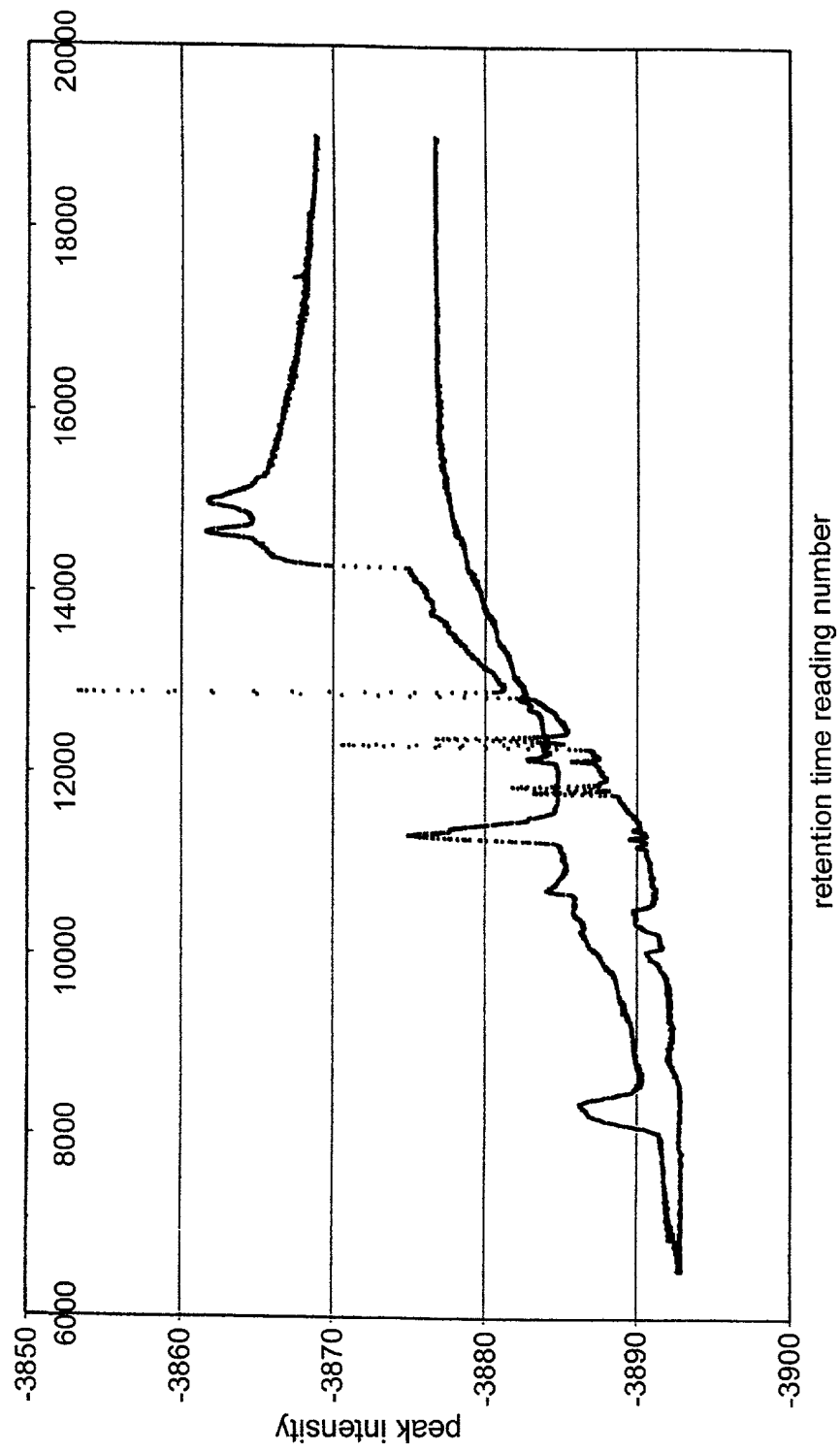


FIG. 17

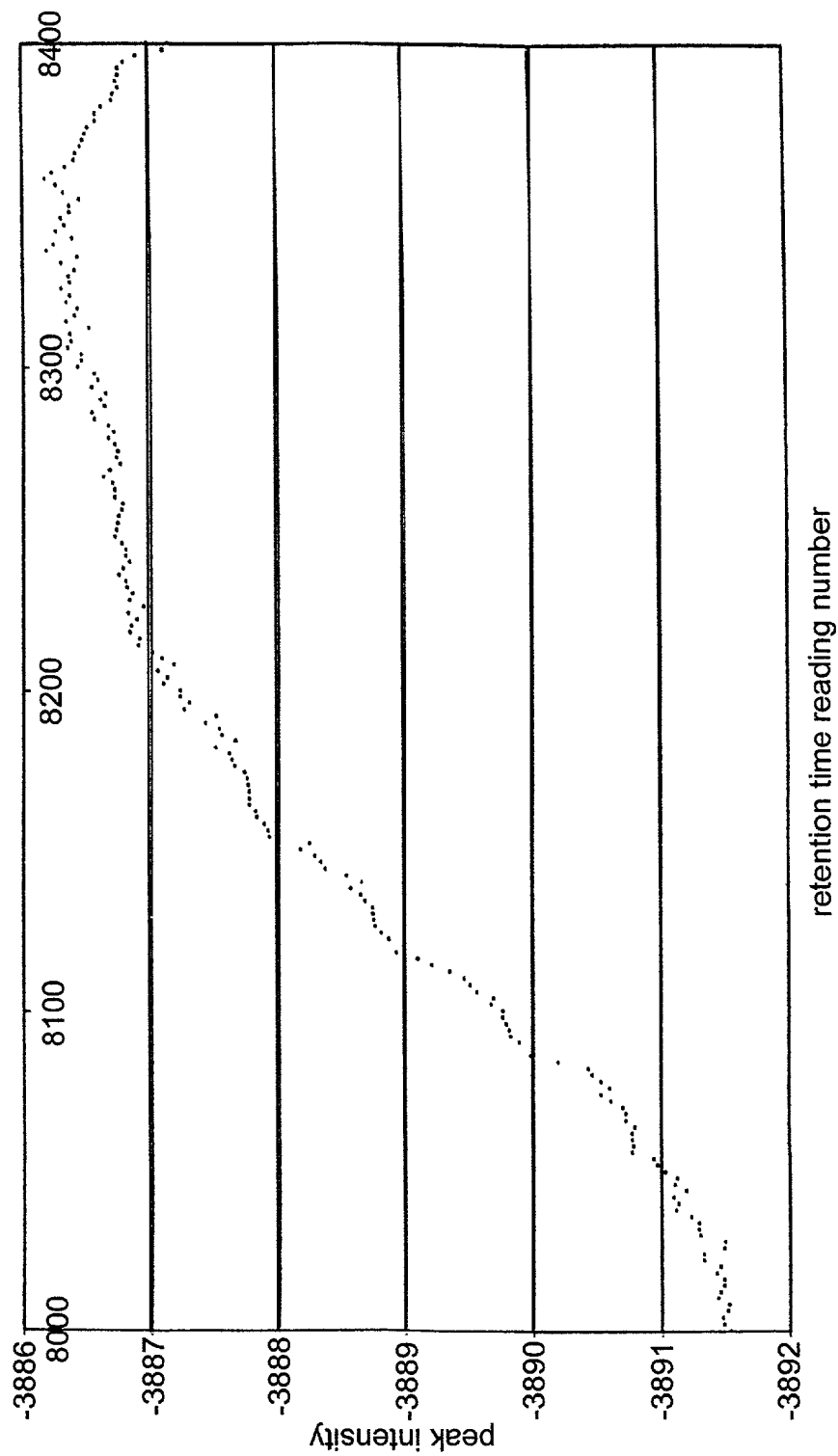


FIG. 18

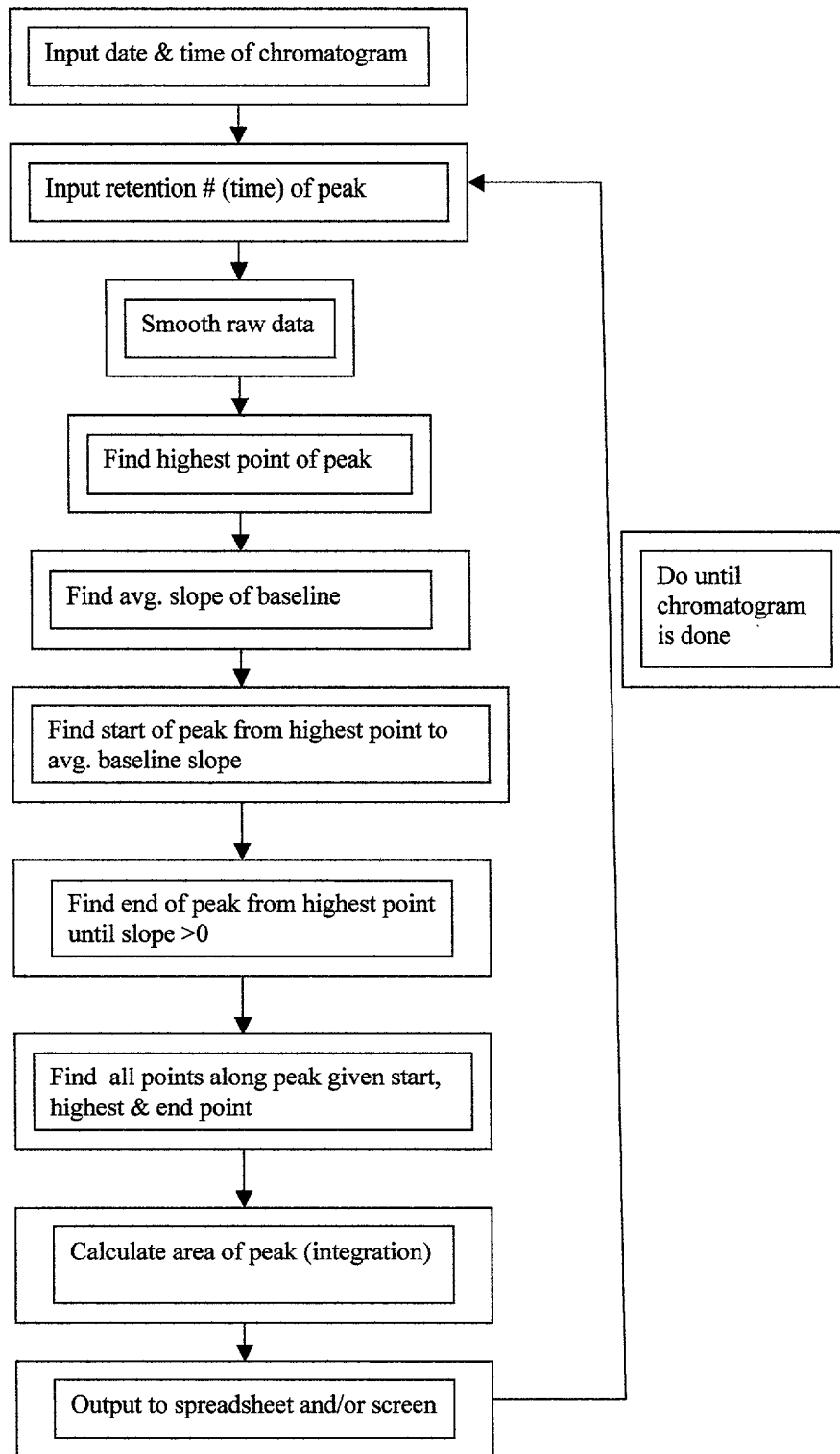


FIG. 19

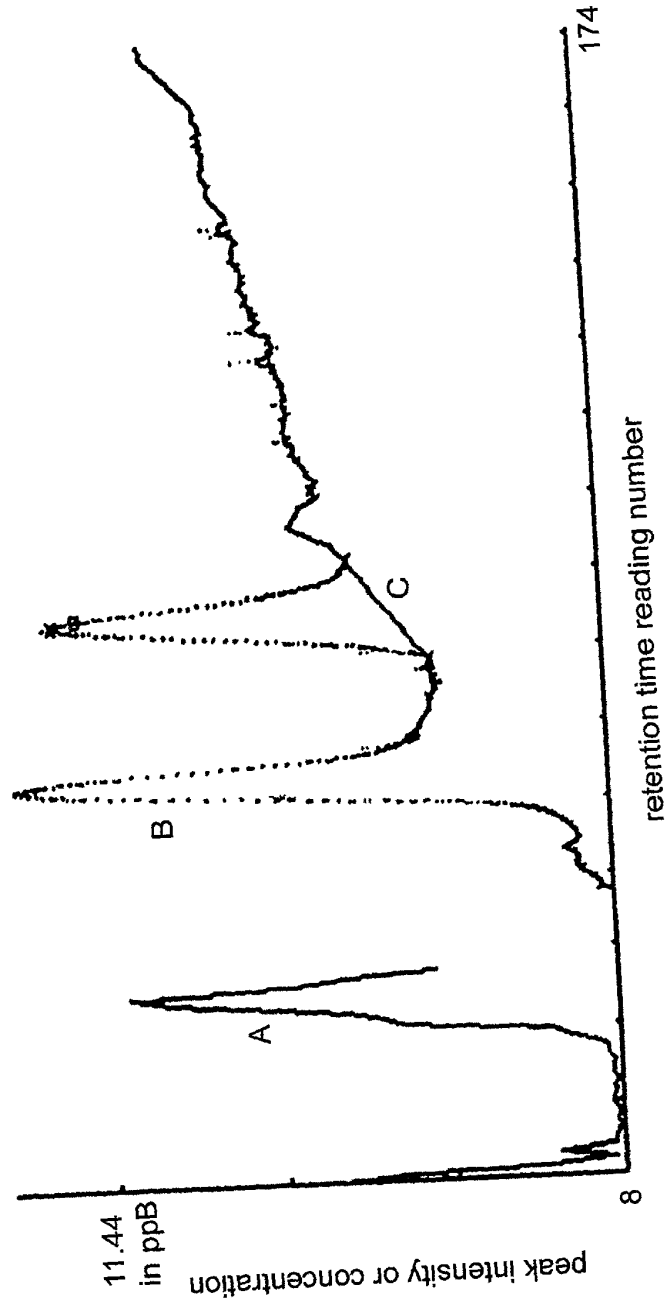


FIG. 20

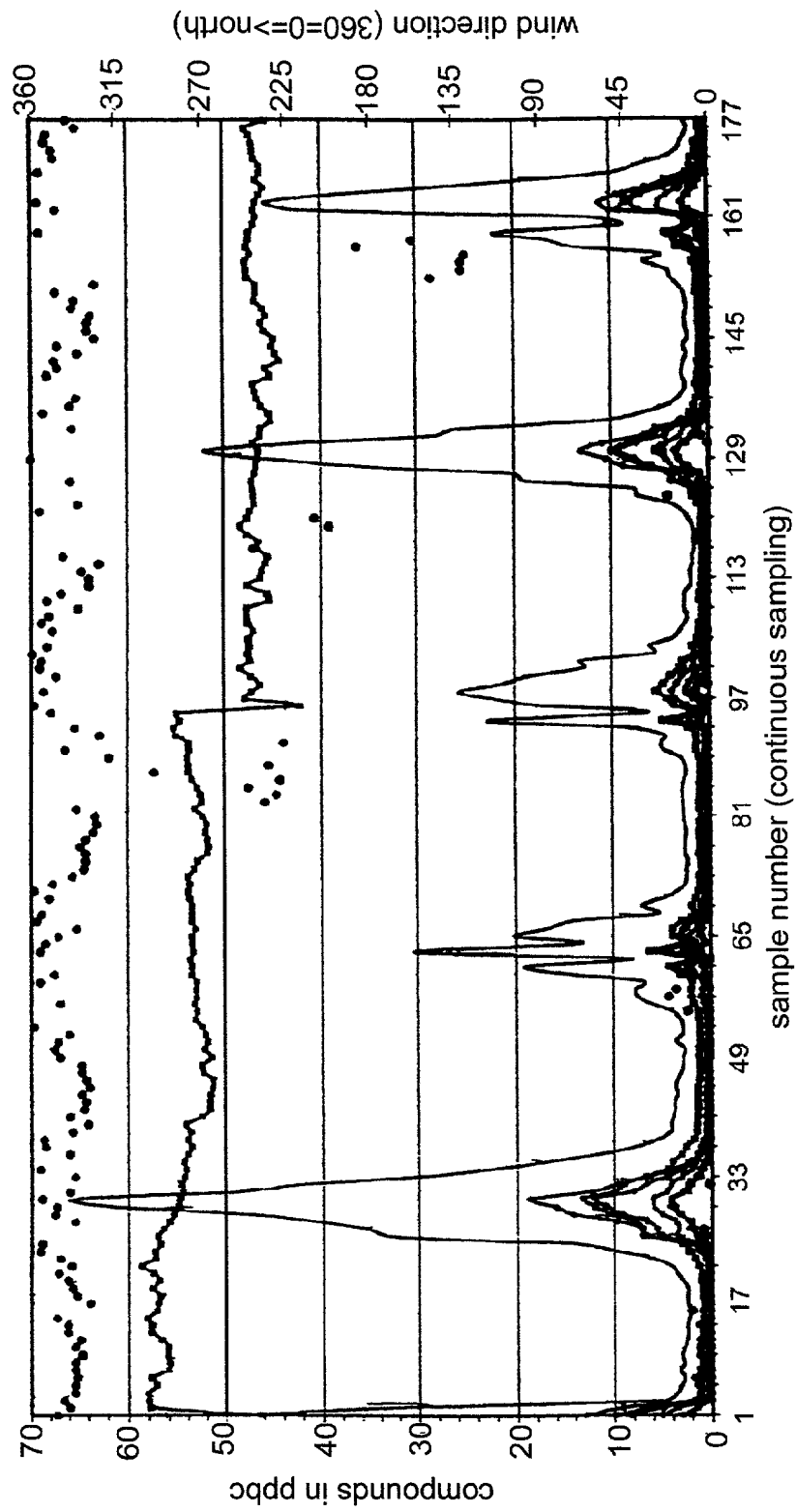


FIG. 21

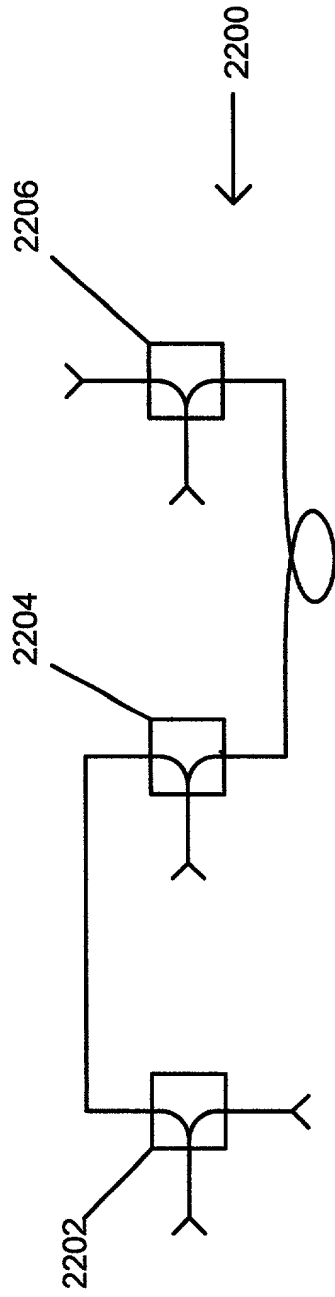
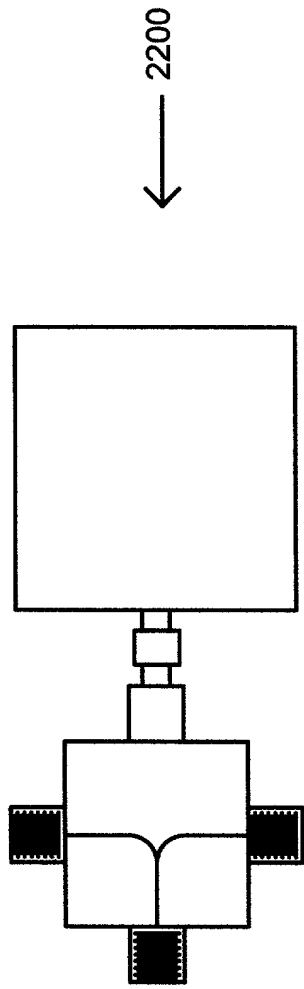


FIG. 22

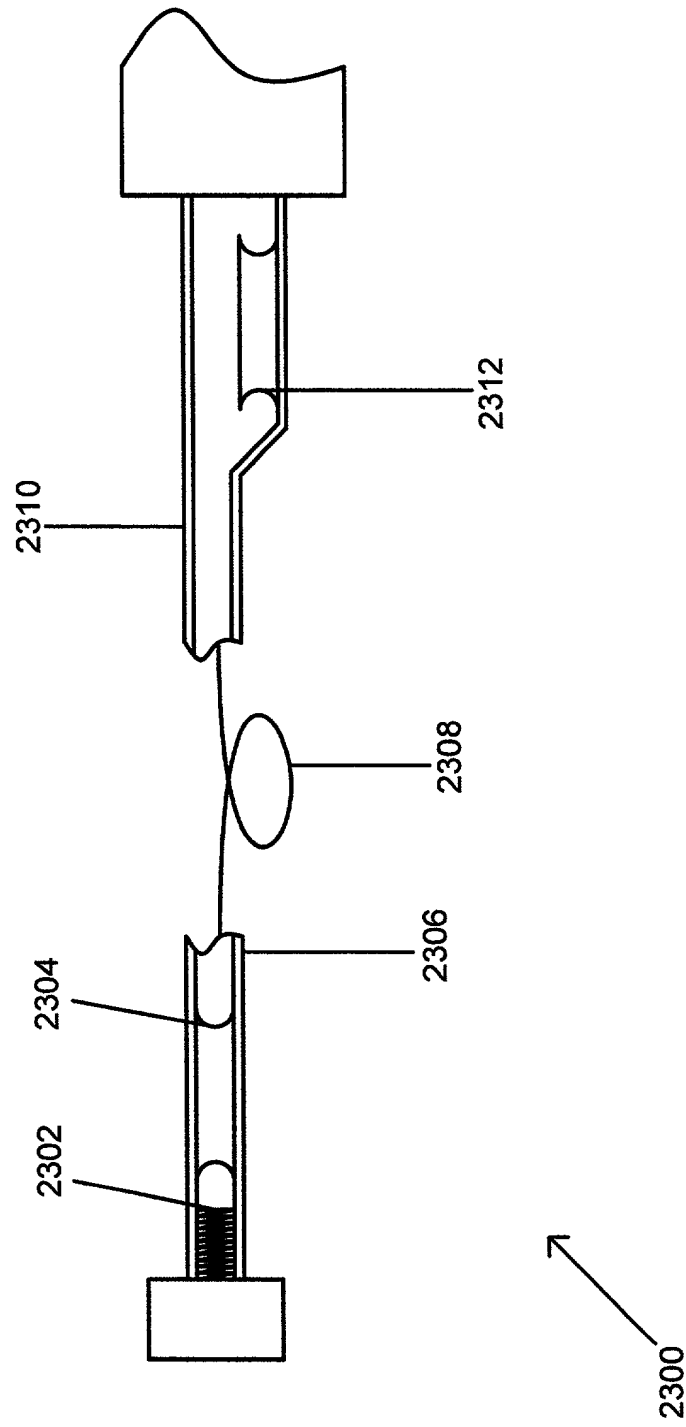


FIG. 23

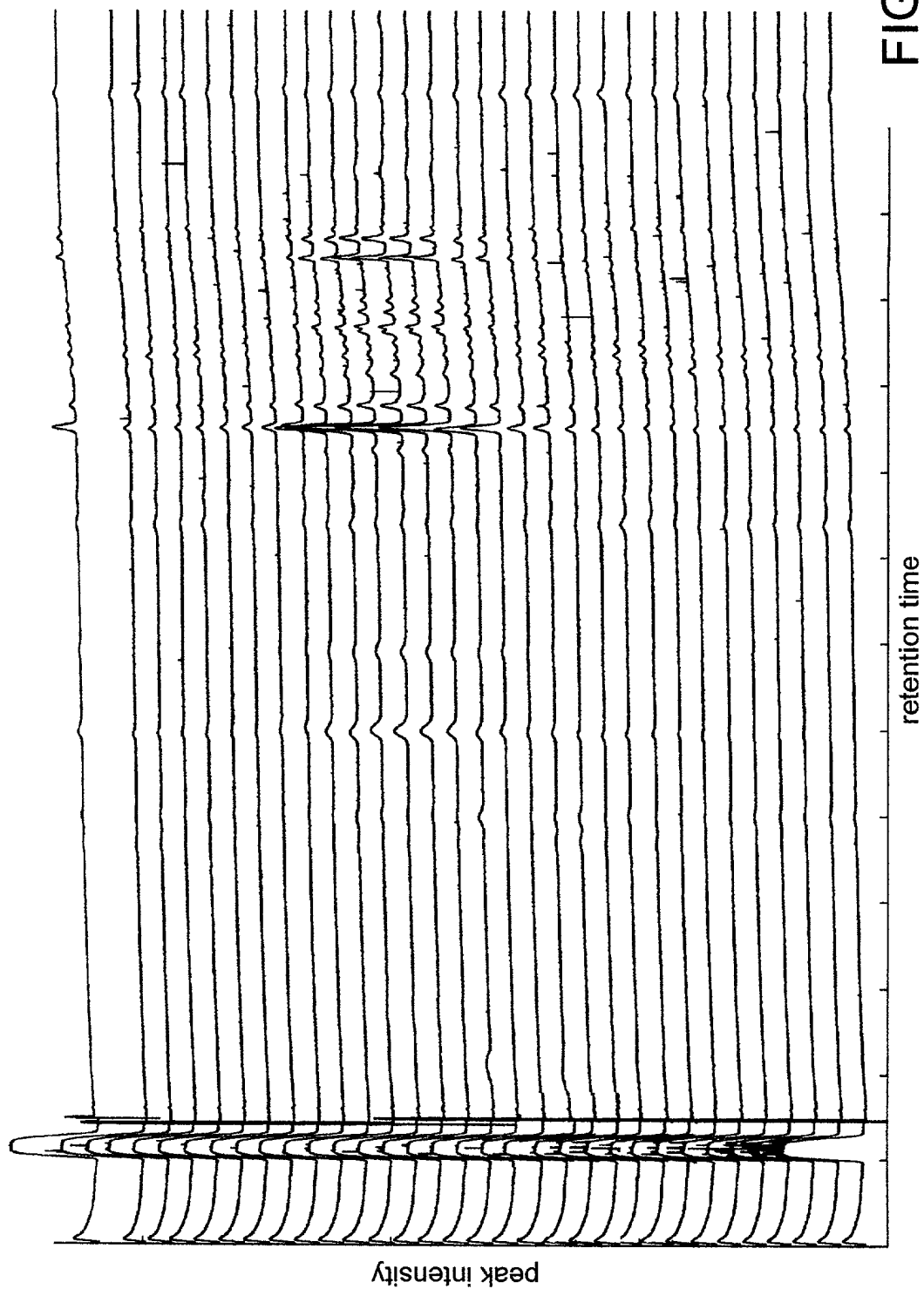


FIG. 24

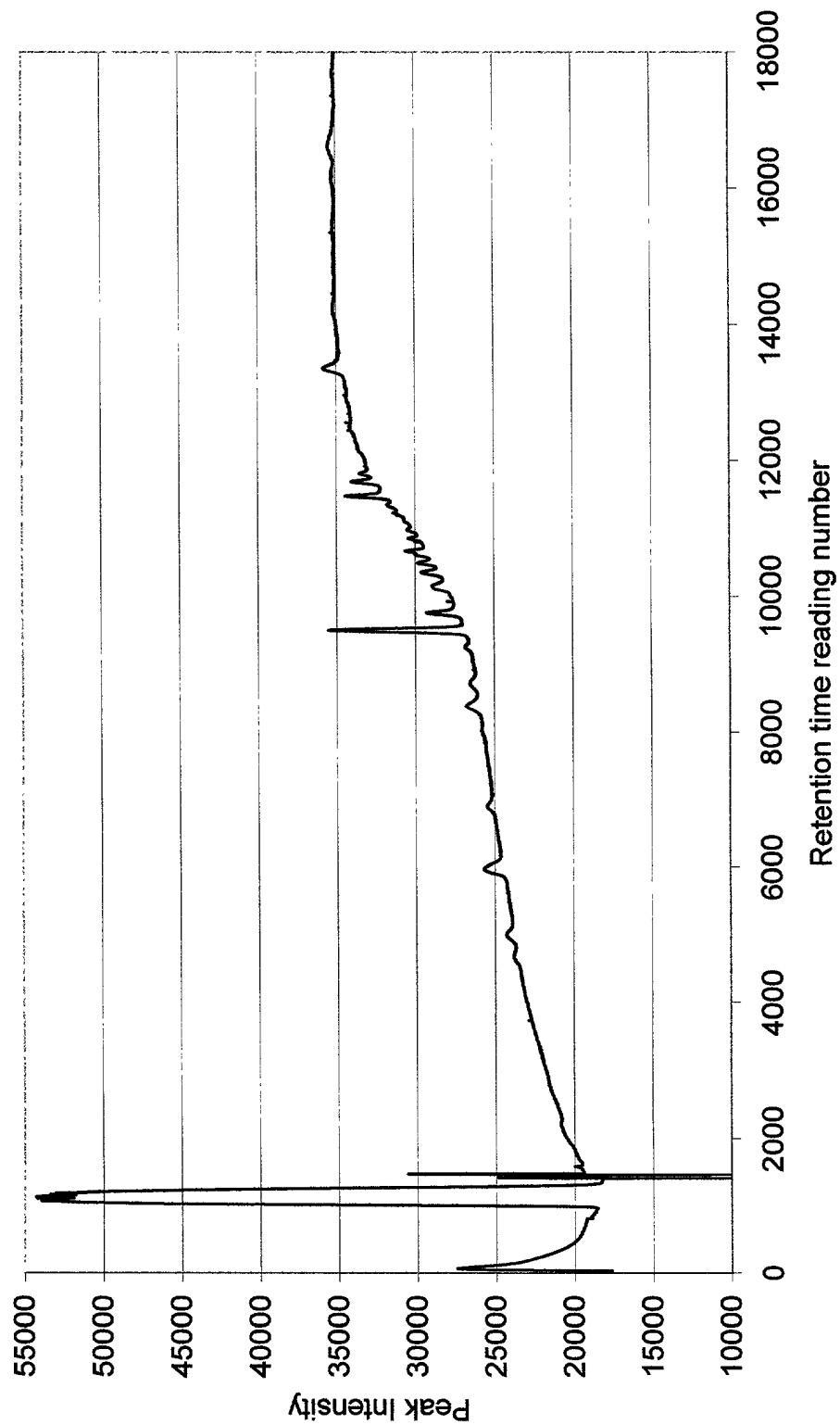


FIG. 25

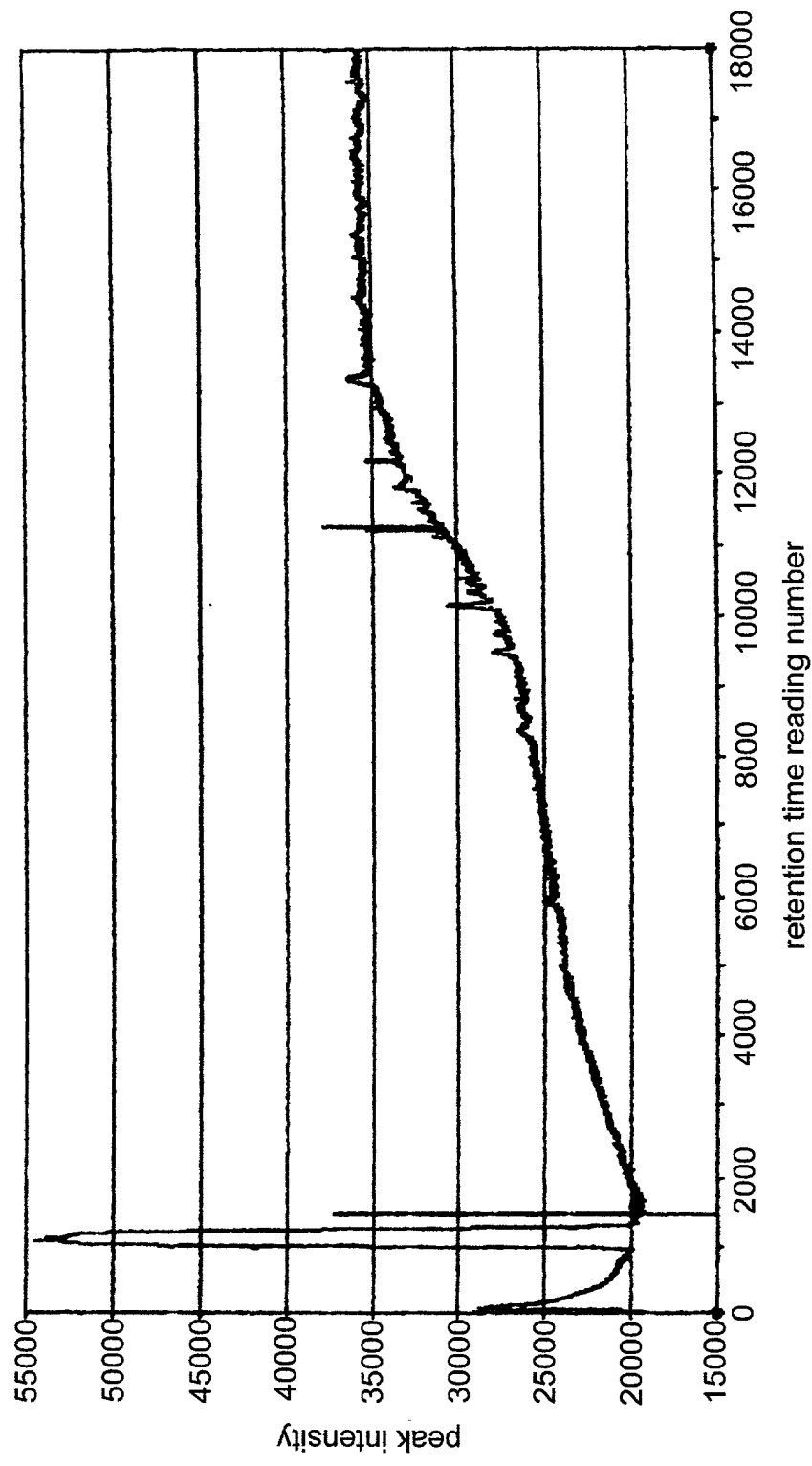


FIG. 26

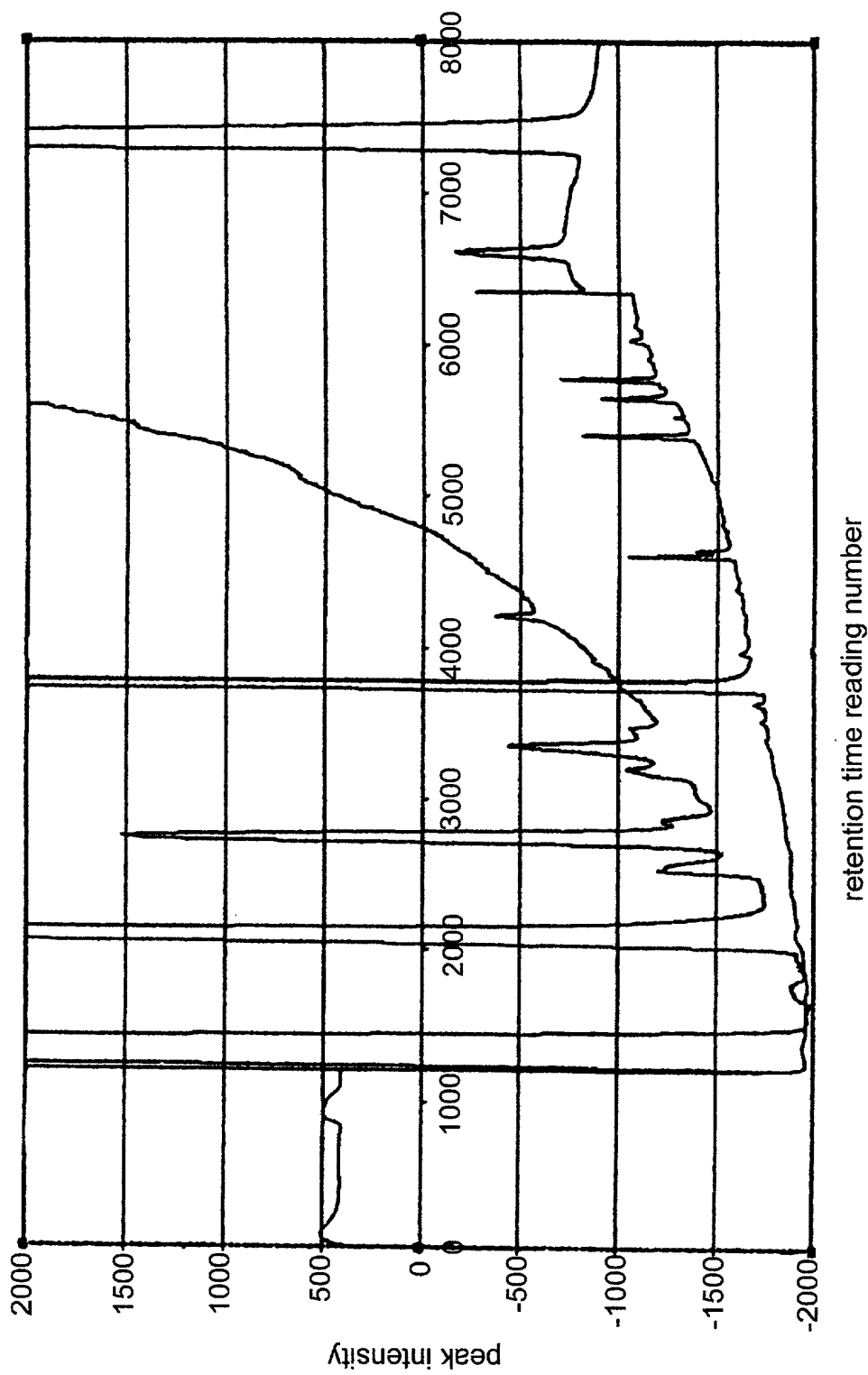


FIG. 27

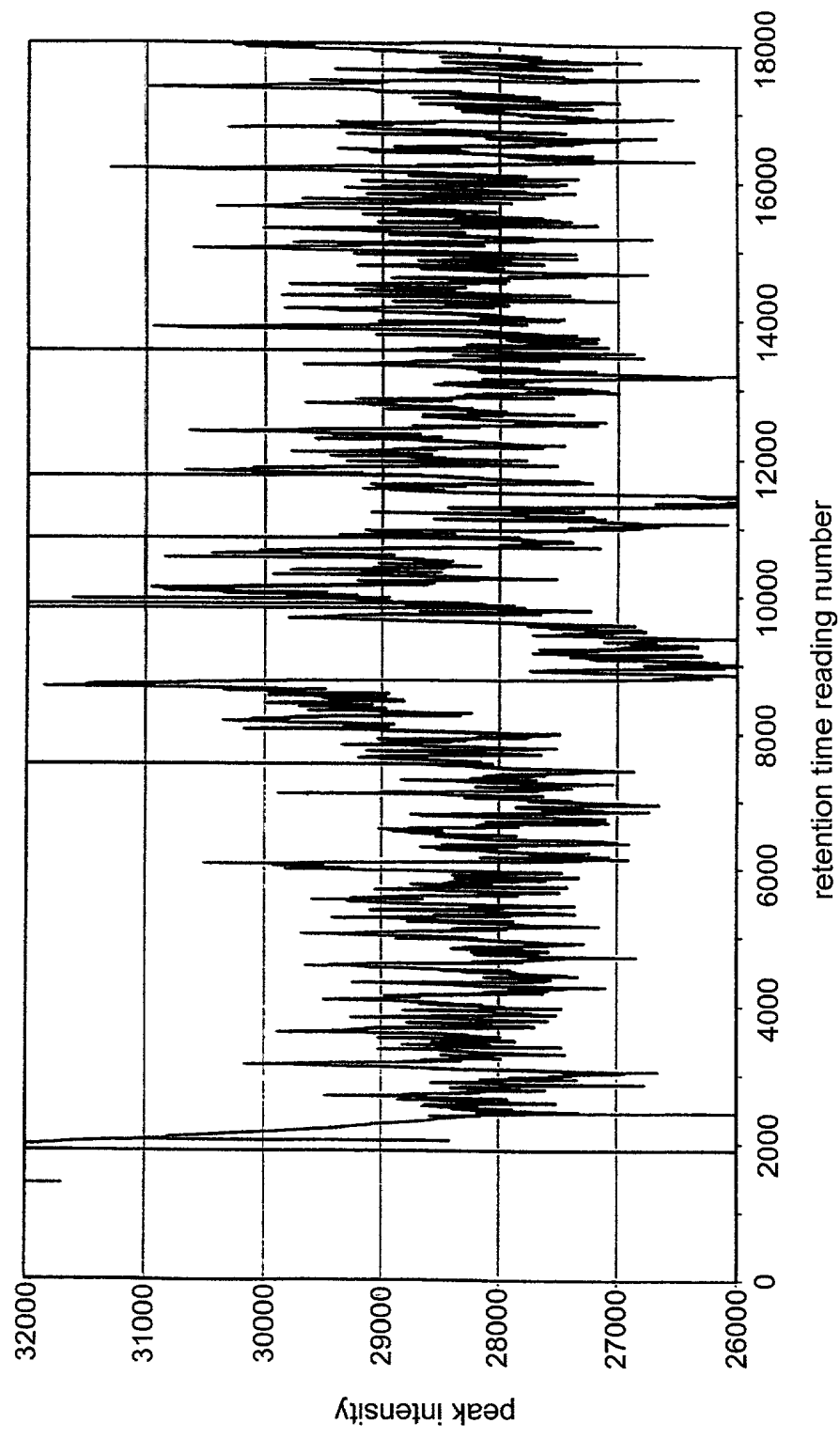


FIG. 28

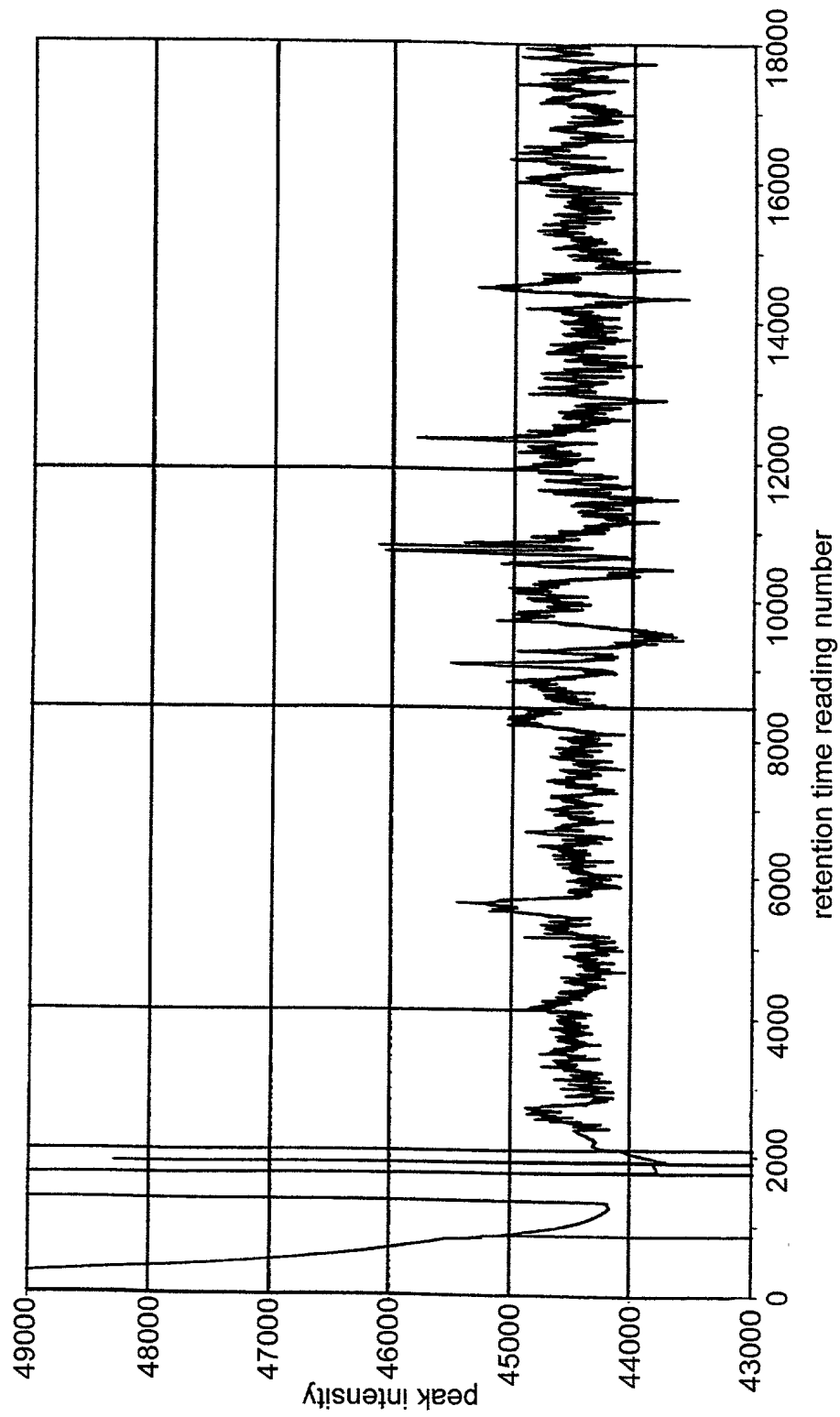


FIG. 29

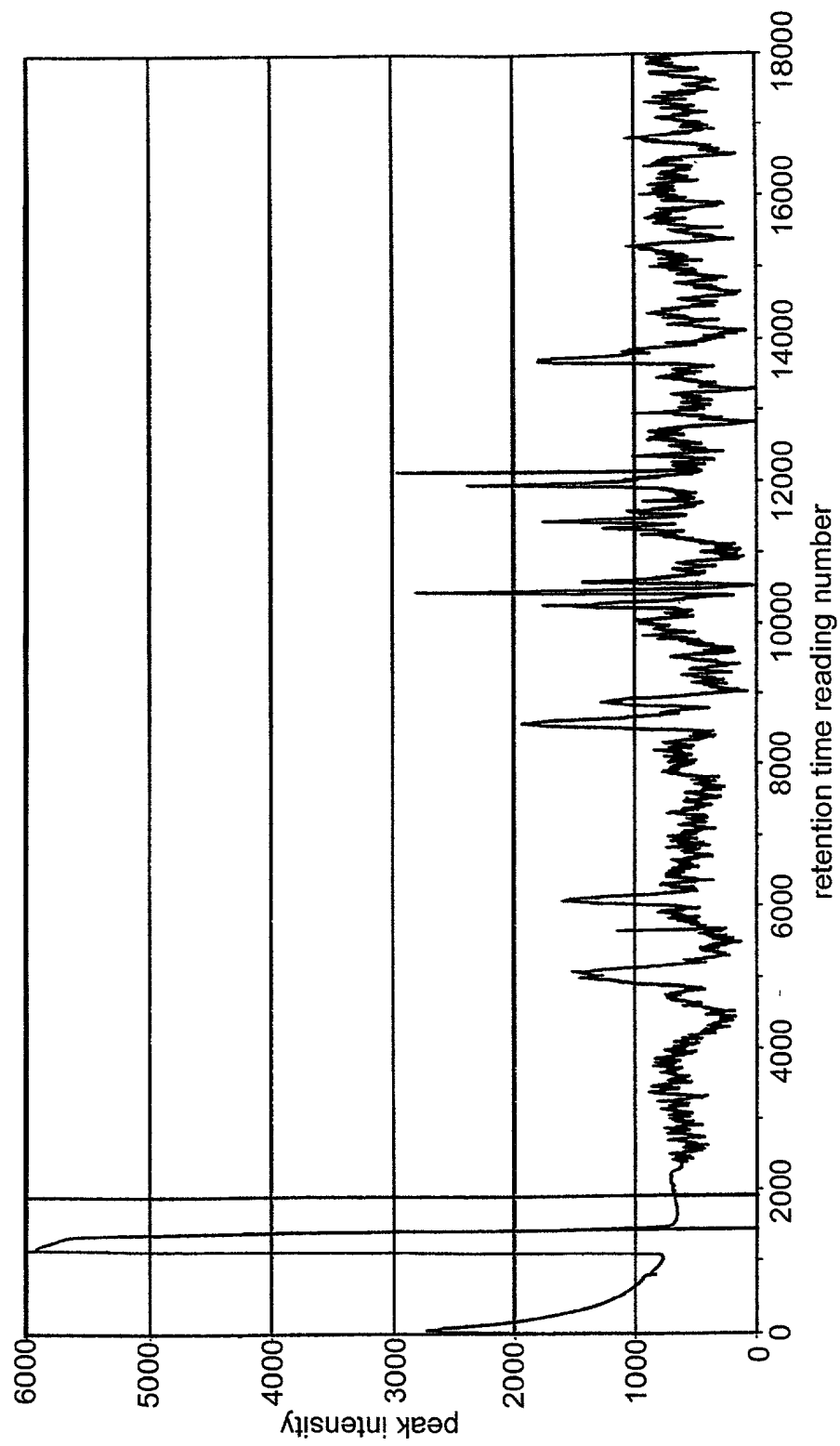


FIG. 30

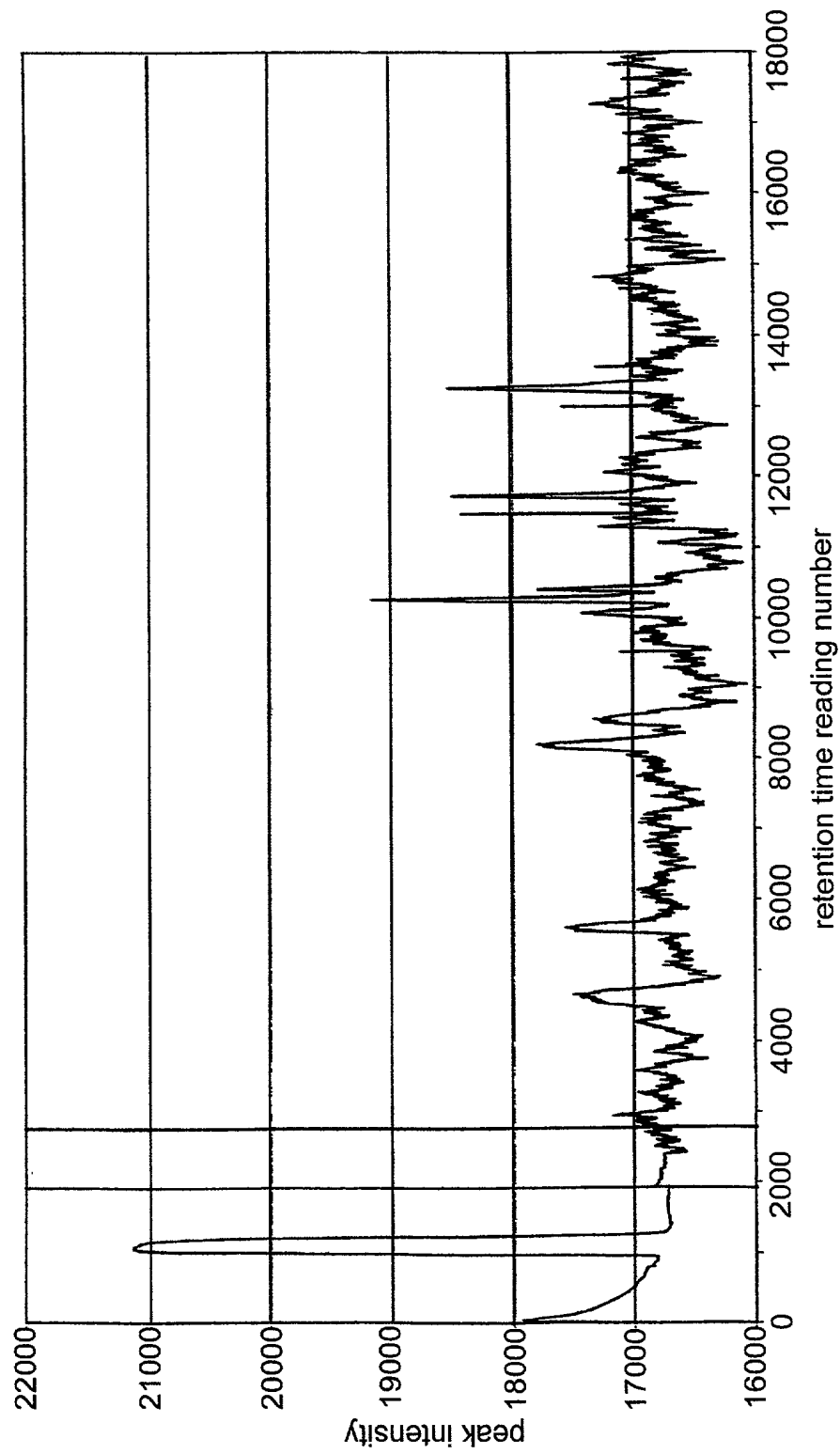


FIG. 31

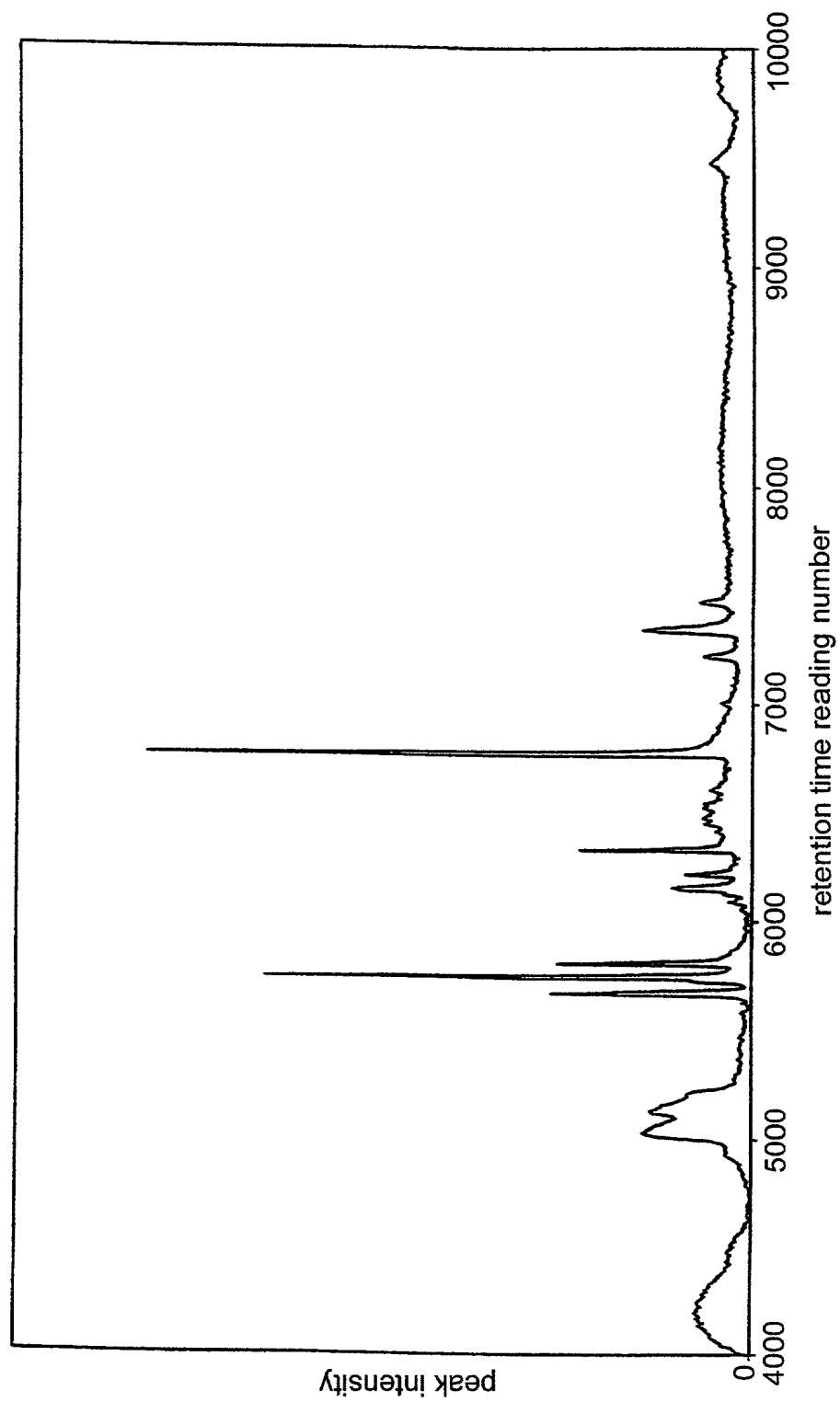


FIG. 32

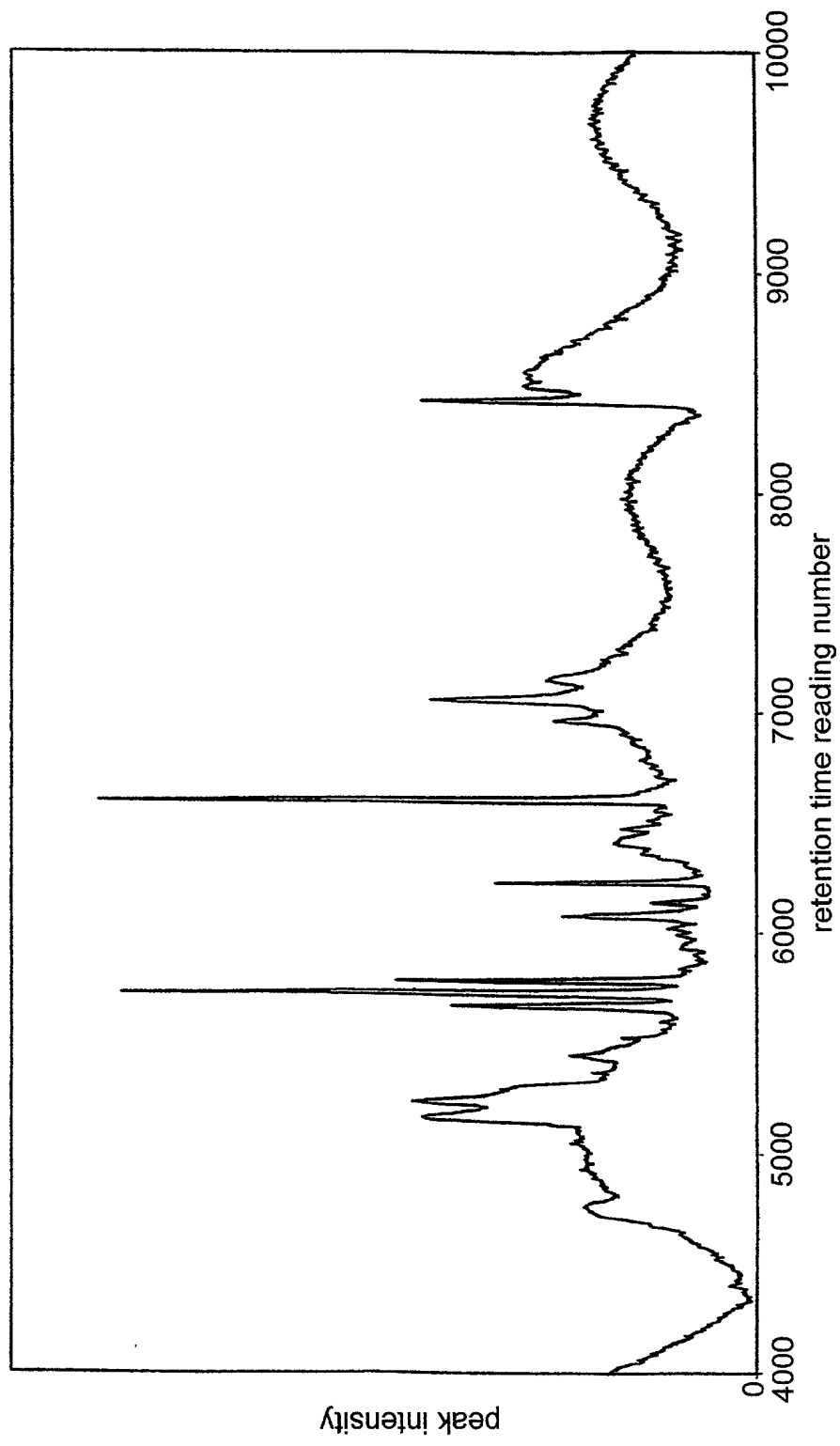


FIG. 33

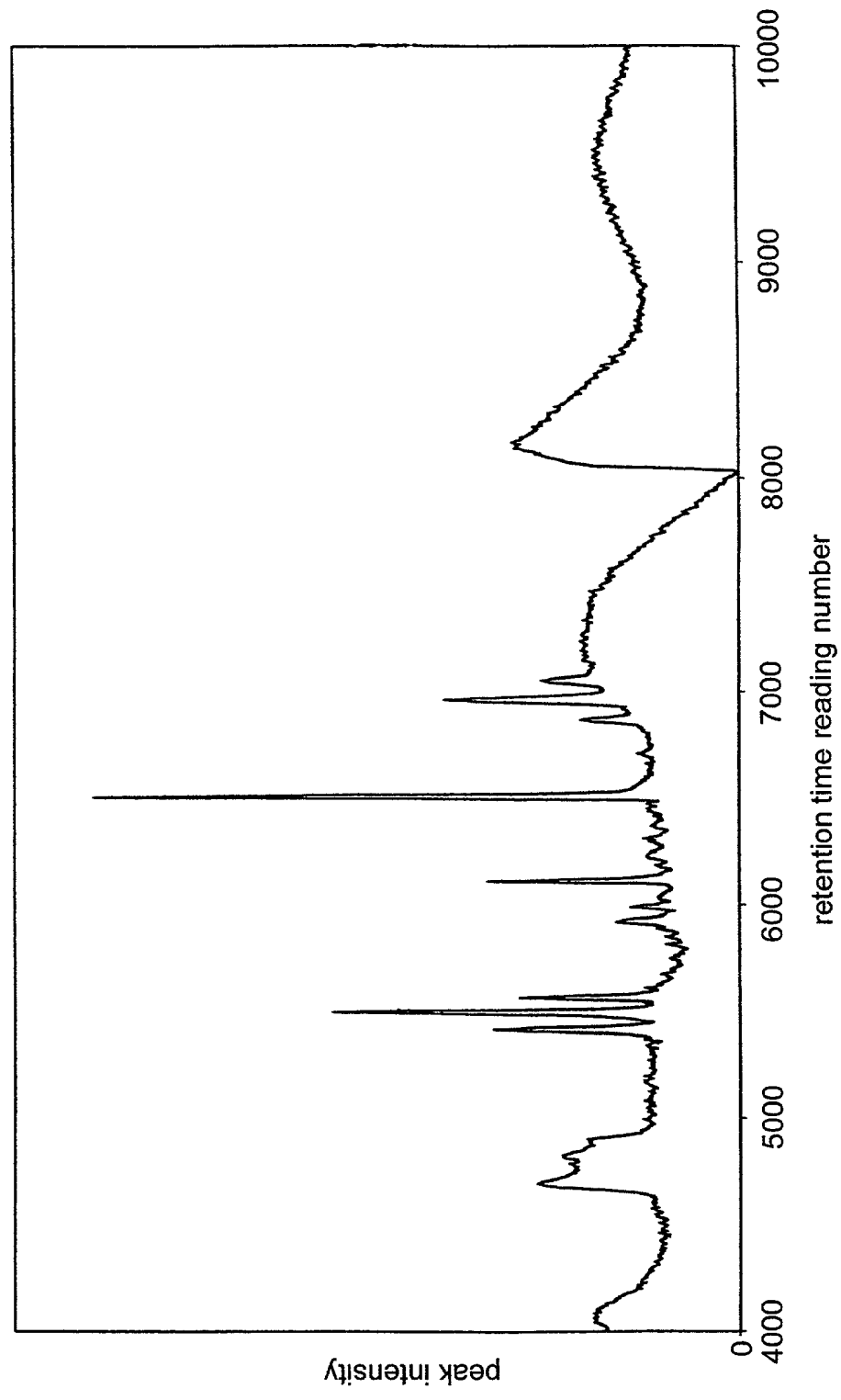


FIG. 34

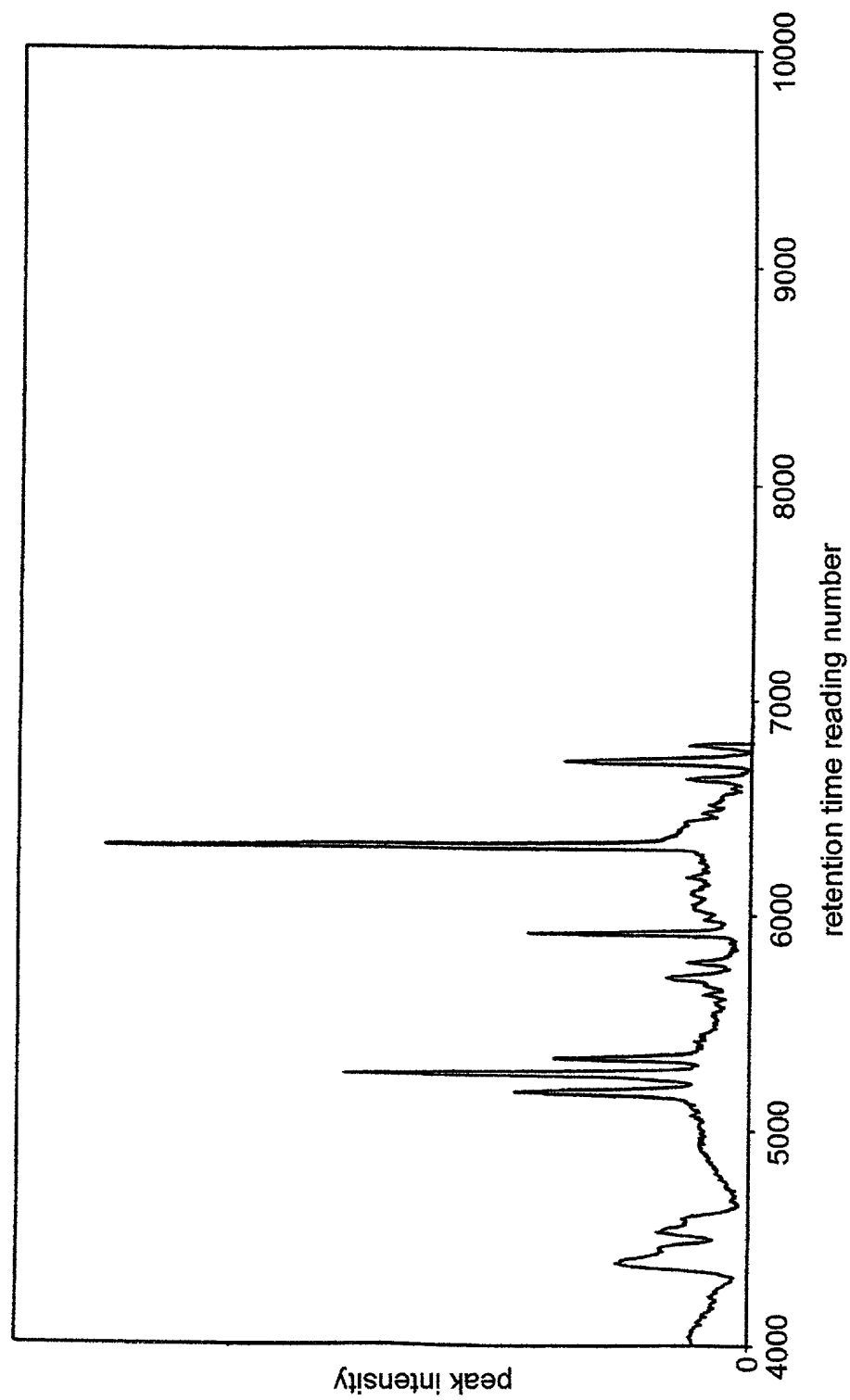


FIG. 35

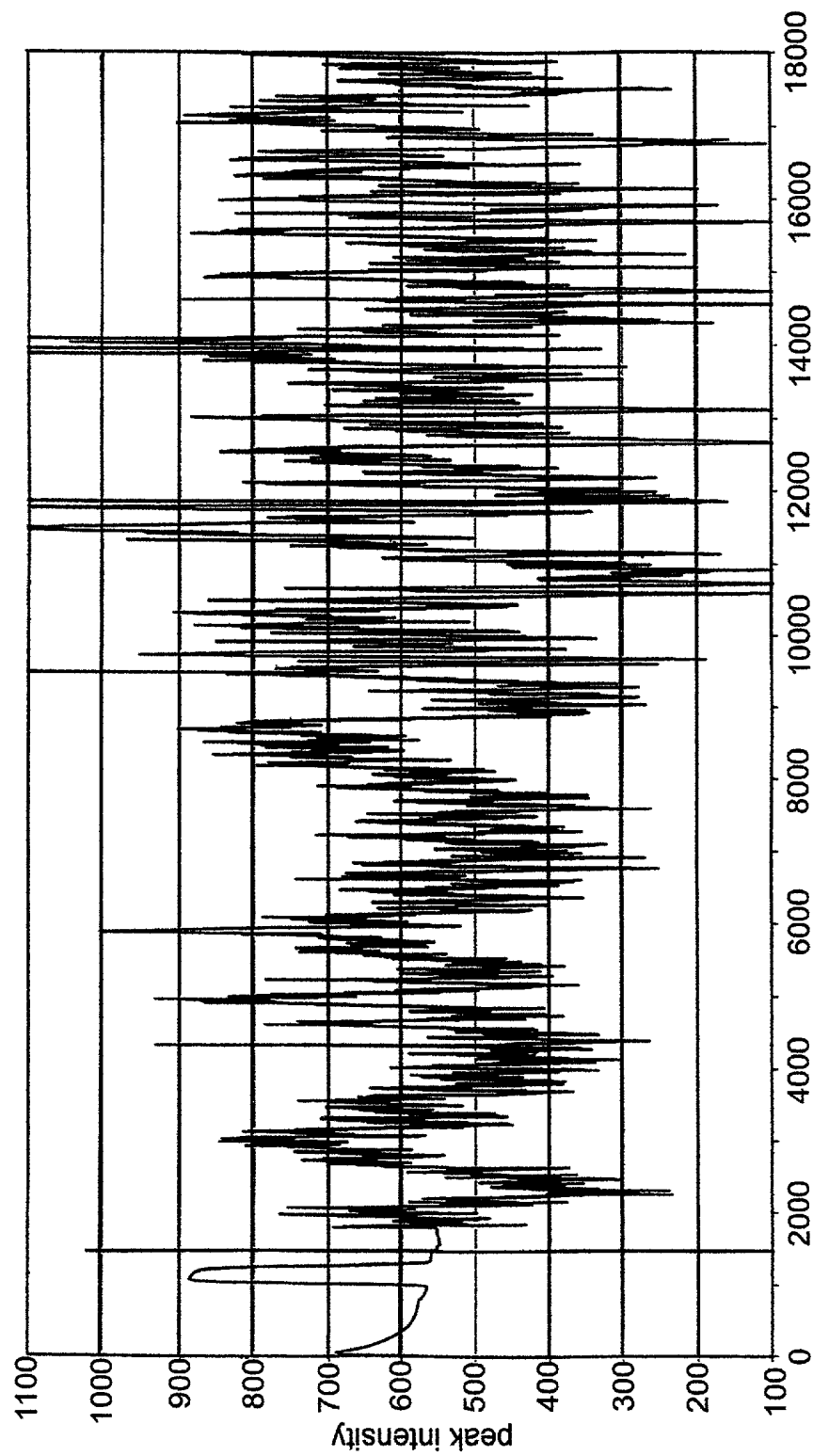


FIG. 36

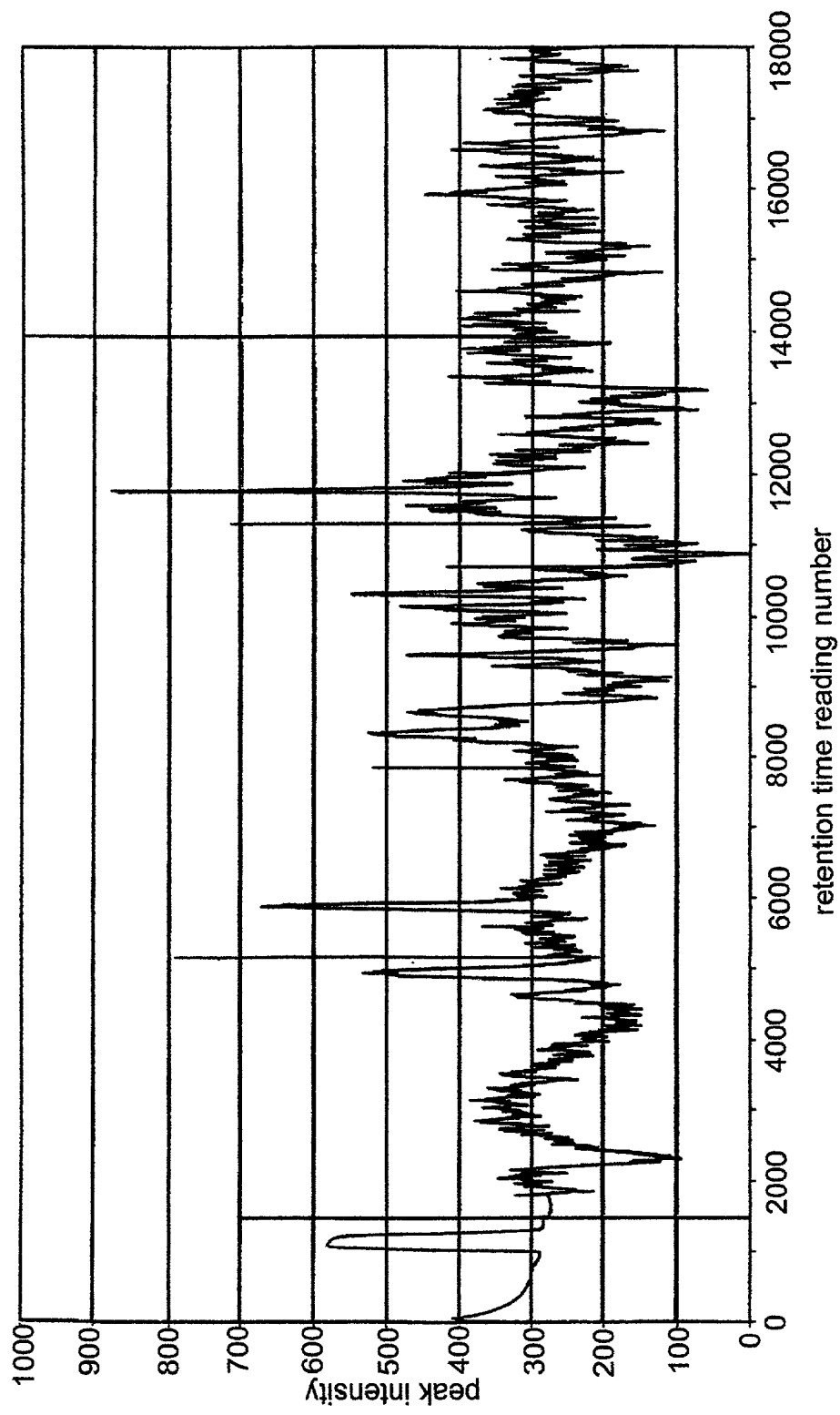


FIG. 37

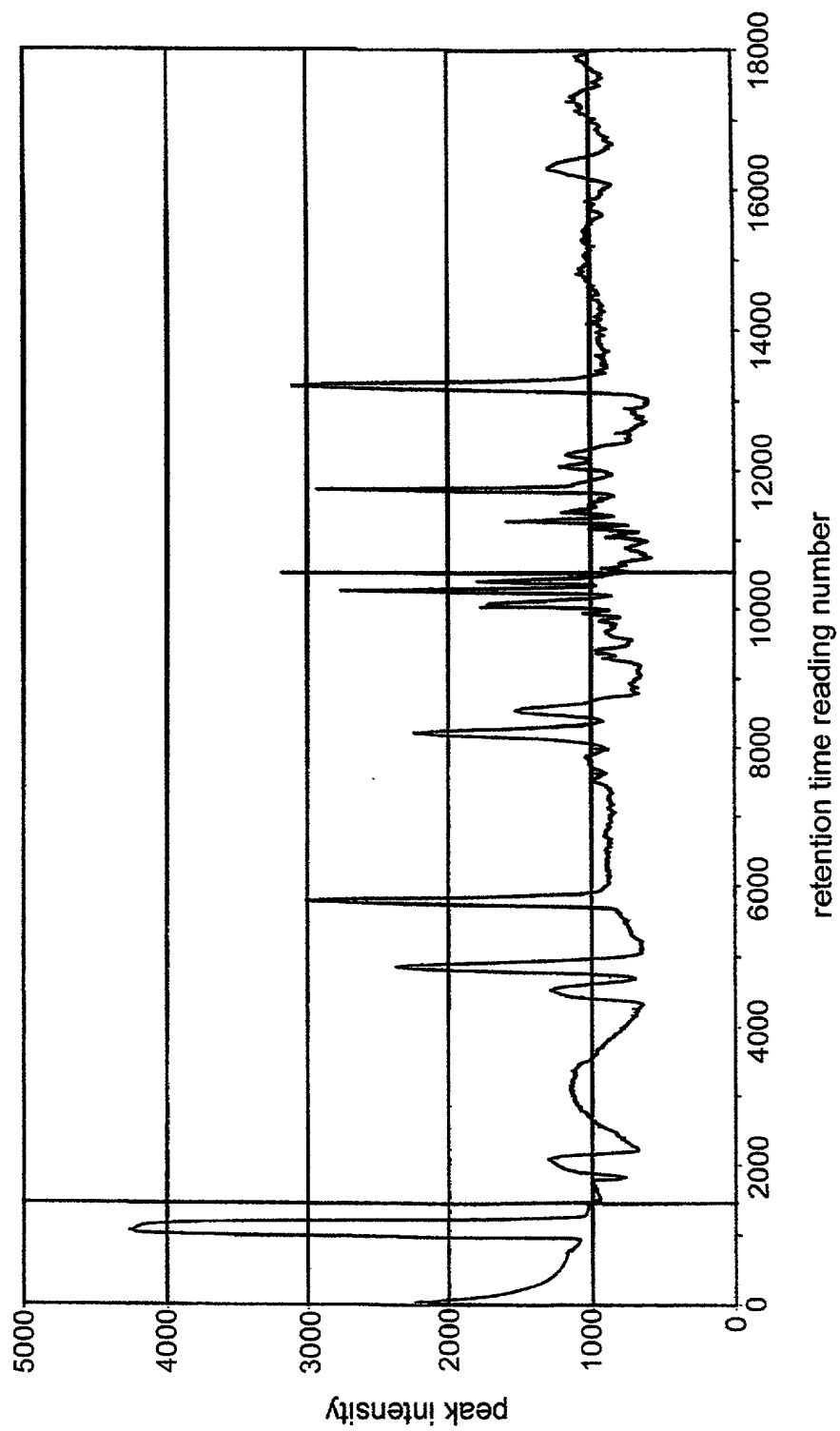


FIG. 38

FIG. 39 is a schematic diagram of a control system for a device 3900. The device 3900 includes a top section 3902, a middle section 3904, and a bottom section 3912. The bottom section 3912 is connected to a control system 3906. The control system 3906 includes a microcontroller 3908, a timer 3910, and a relay 3912. The microcontroller 3908 is connected to the timer 3910 and the relay 3912. The timer 3910 is connected to the relay 3912. The relay 3912 is connected to a solenoid 3914. The solenoid 3914 is connected to a power source 3916. The power source 3916 is connected to a 120 V/60 Hz/0 Deg. AC source. The control system 3906 also includes a 5V DC source and a 5V solenoid. The 5V DC source is connected to the 5V solenoid. The 5V solenoid is connected to the relay 3912. The relay 3912 is connected to the solenoid 3914. The solenoid 3914 is connected to the power source 3916. The power source 3916 is connected to a 120 V/60 Hz/0 Deg. AC source.

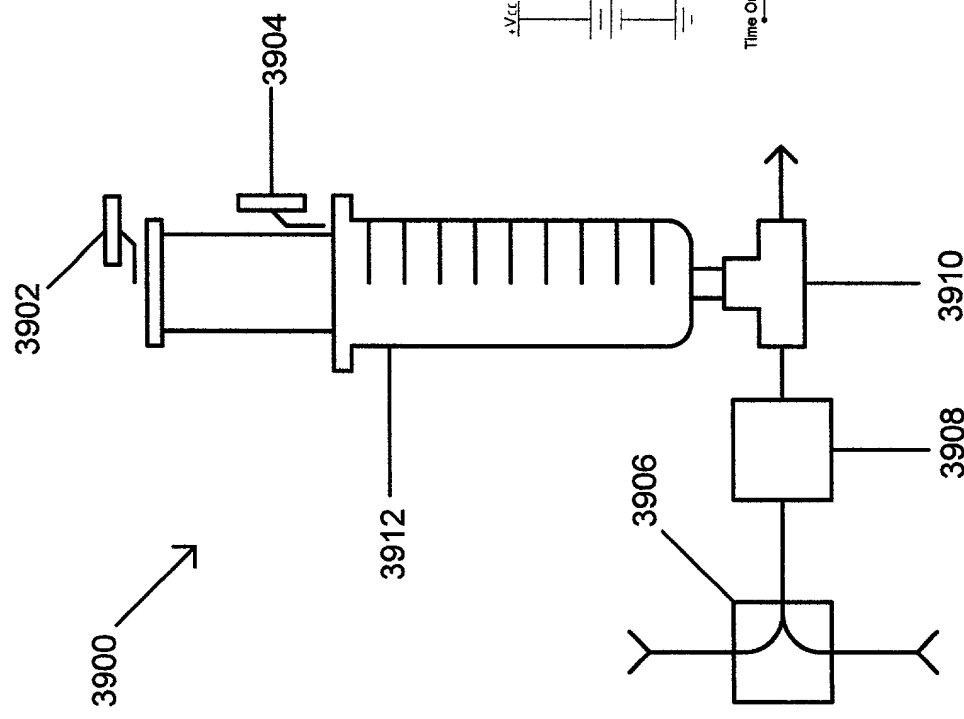
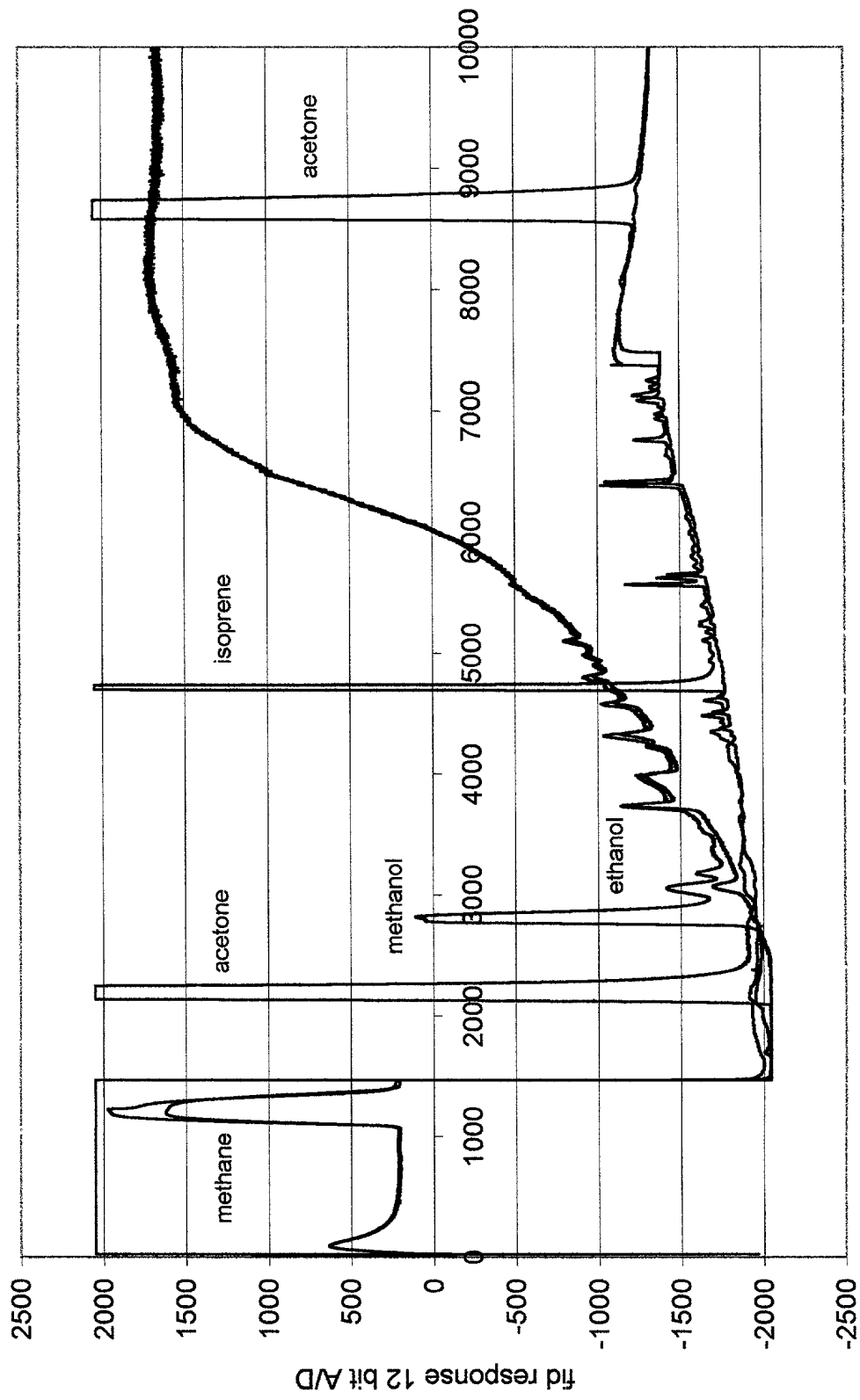


FIG. 39

reading number ~40 minutes total



reading number ~40 minutes total

FIG. 41

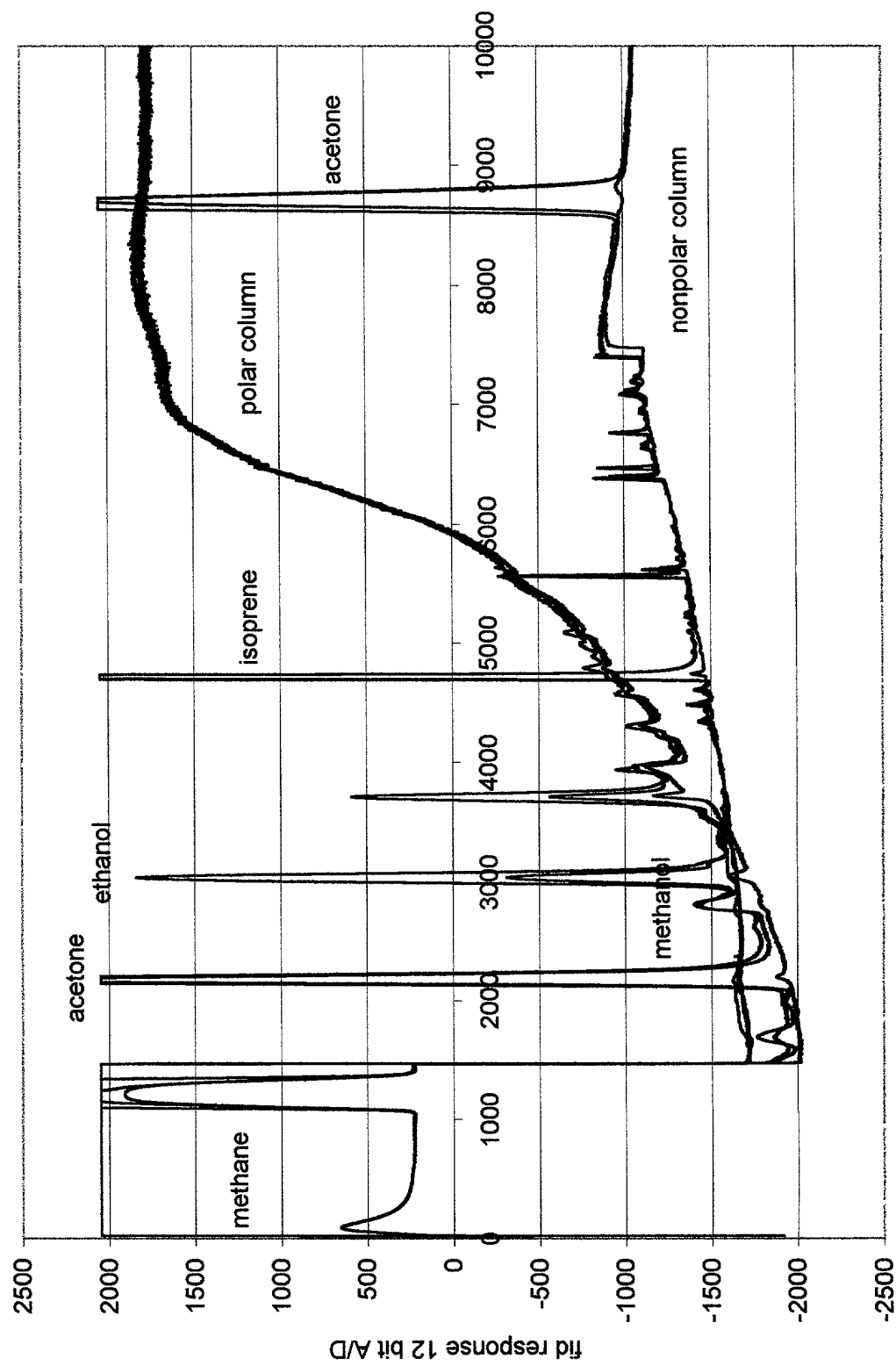
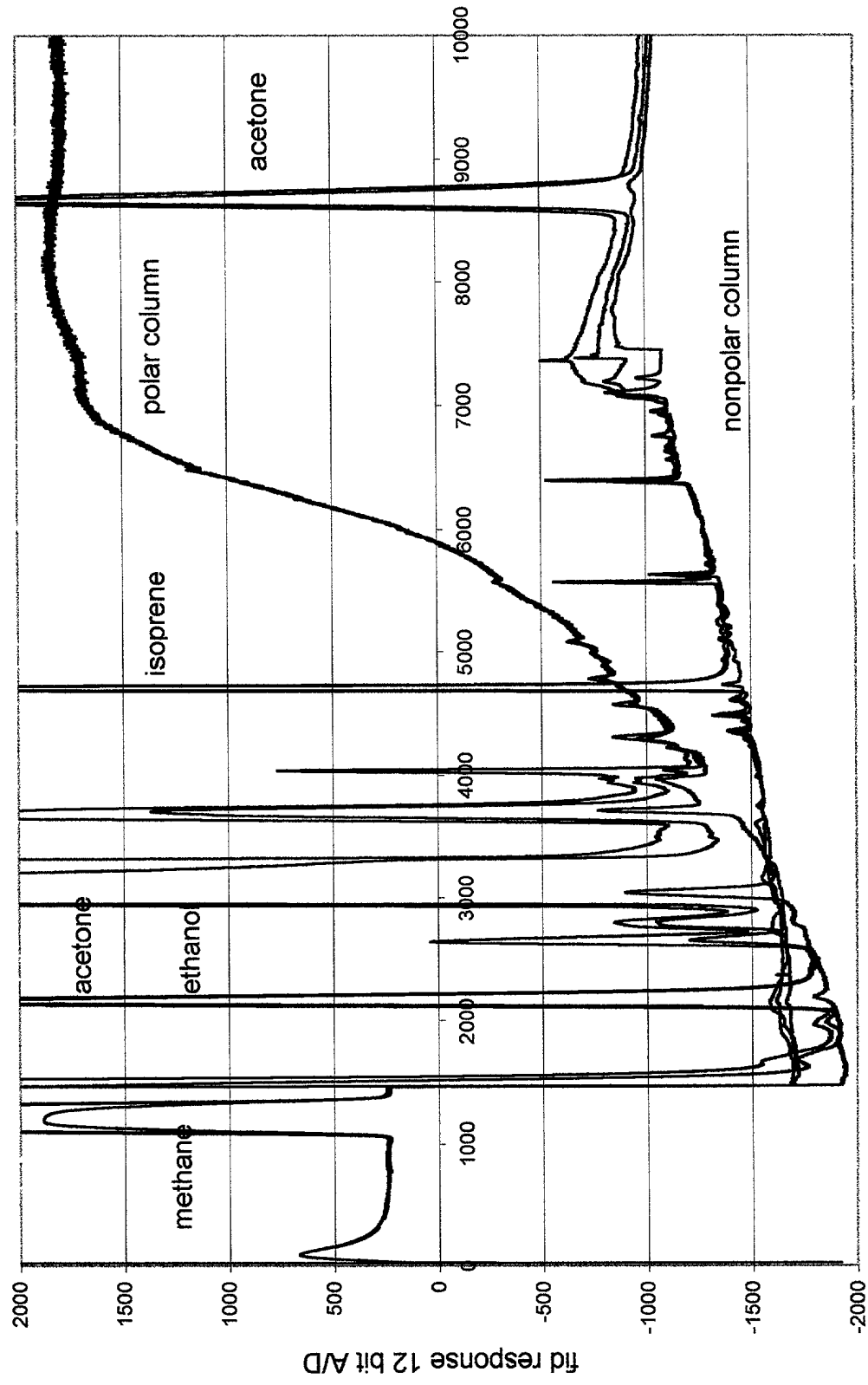
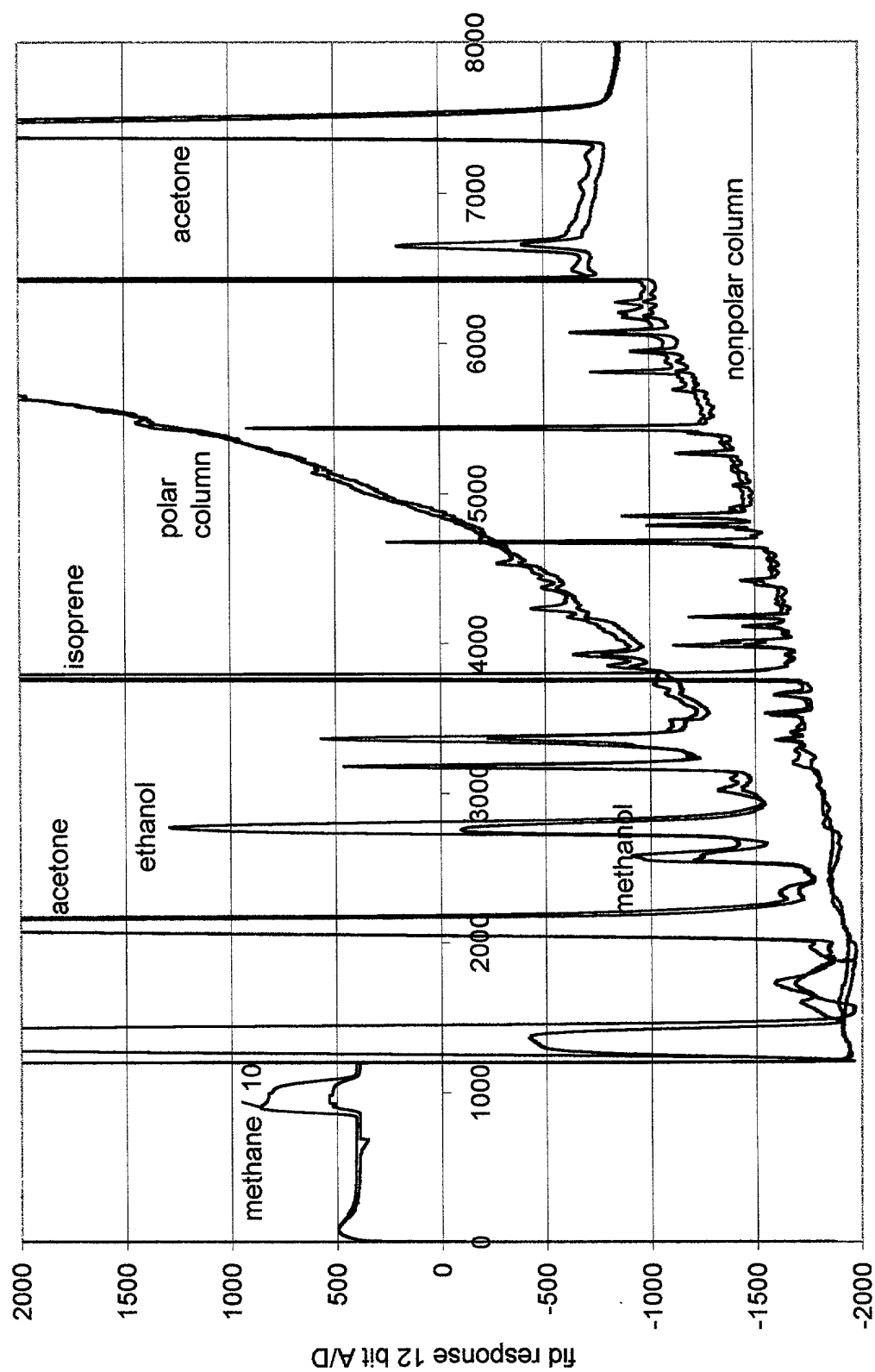


FIG. 42



reading number ~40 minutes total

FIG. 43



reading number ~30 minutes total

FIG. 44

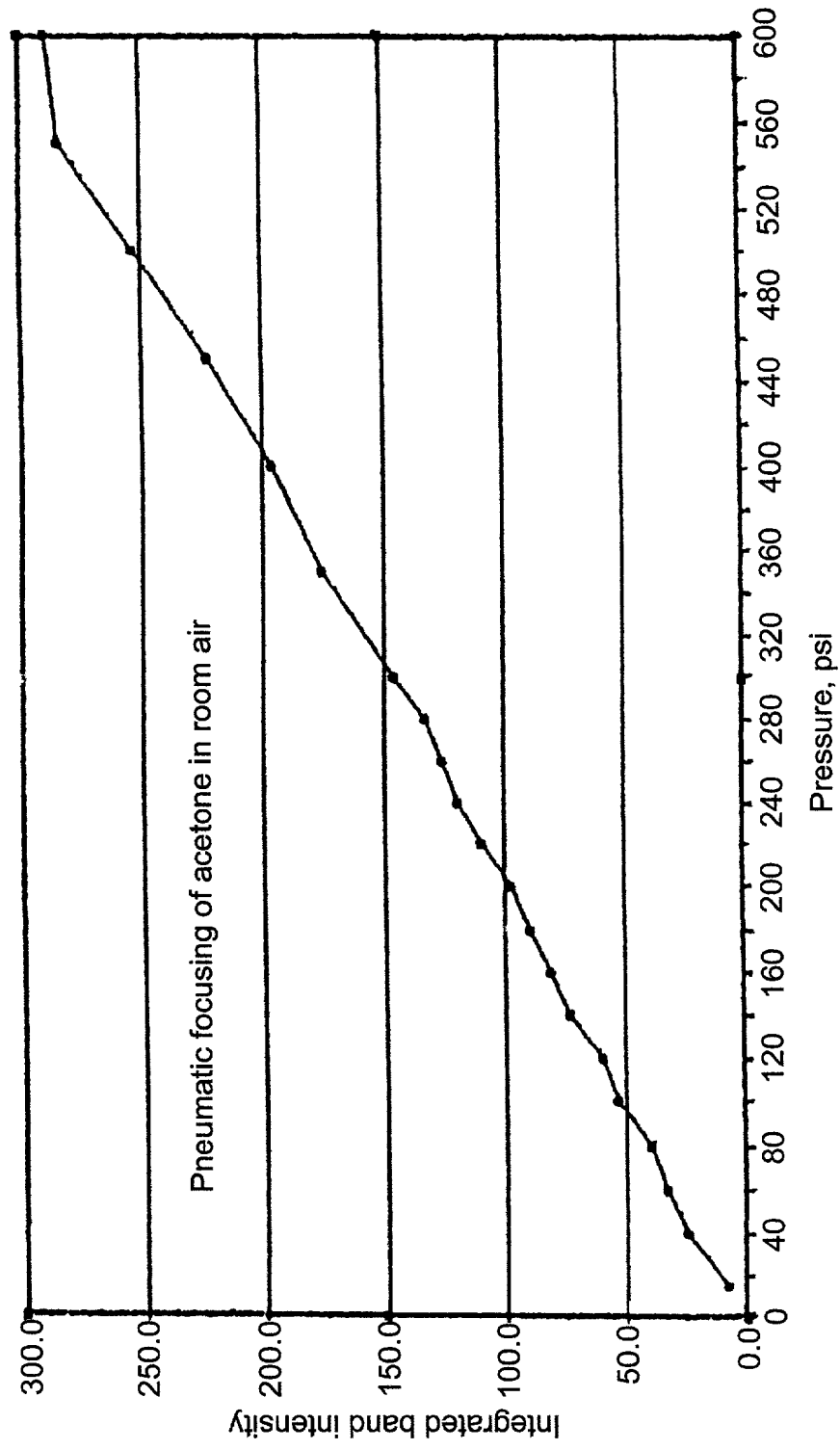


FIG. 45

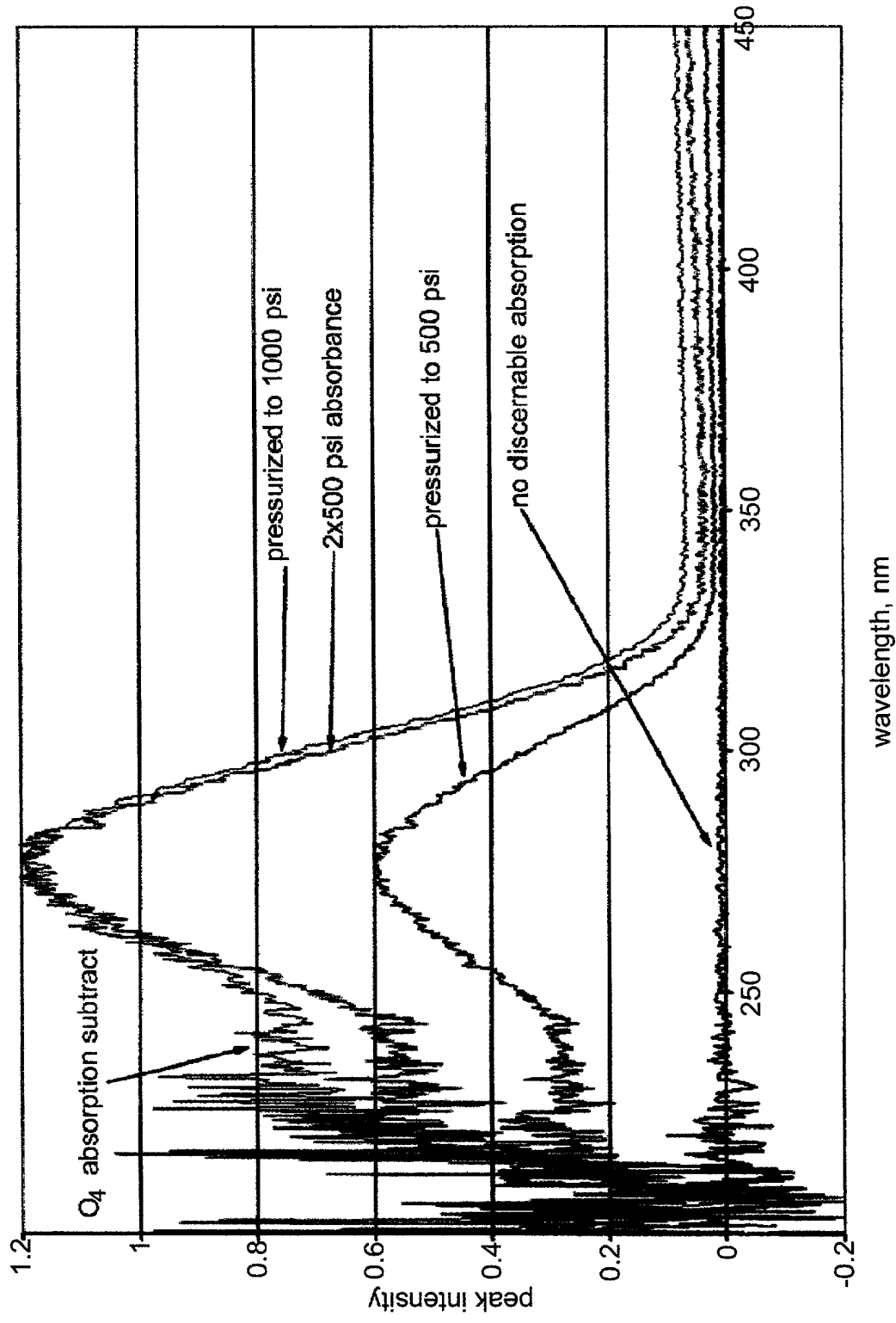


FIG. 46

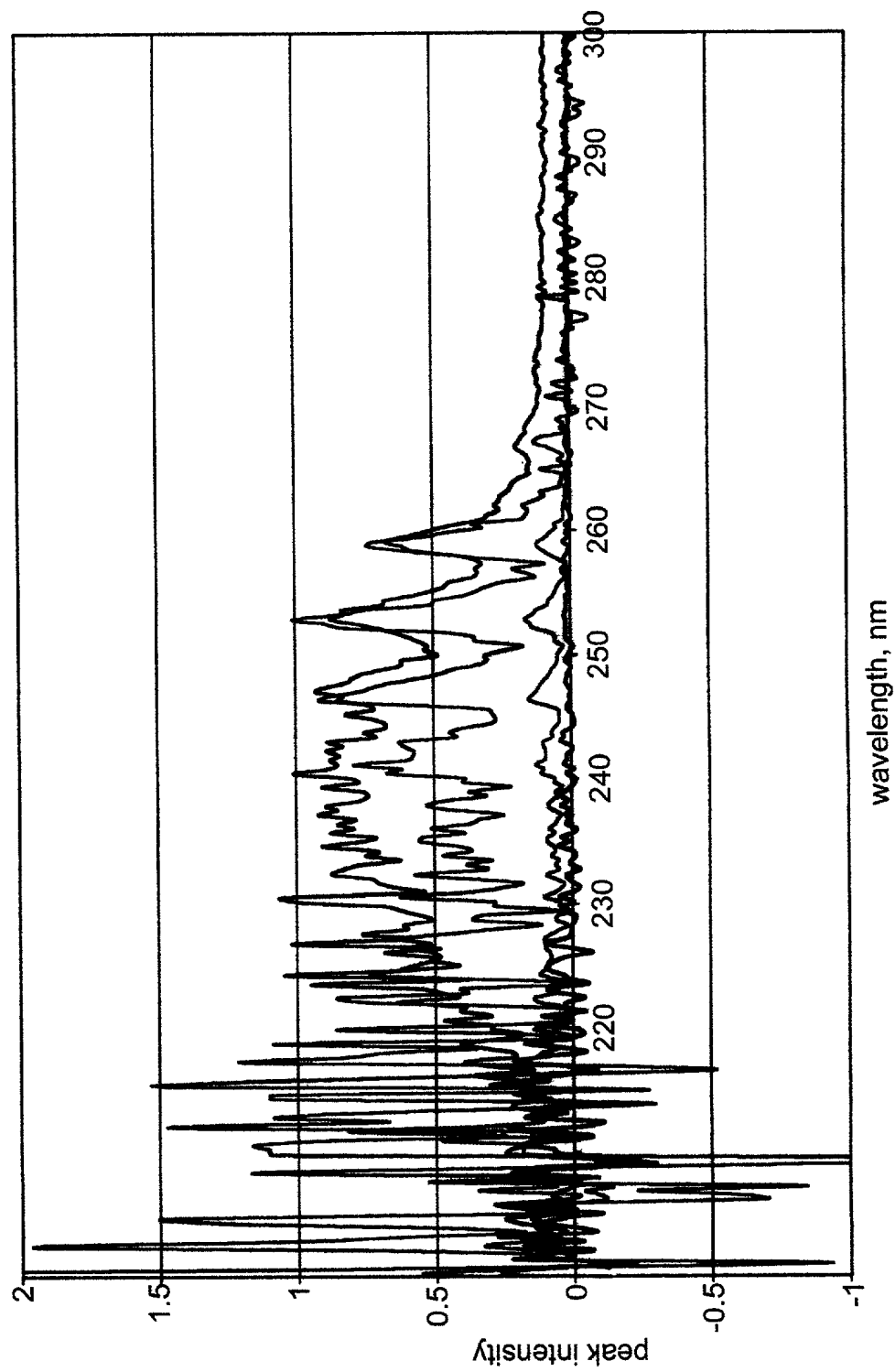


FIG. 47

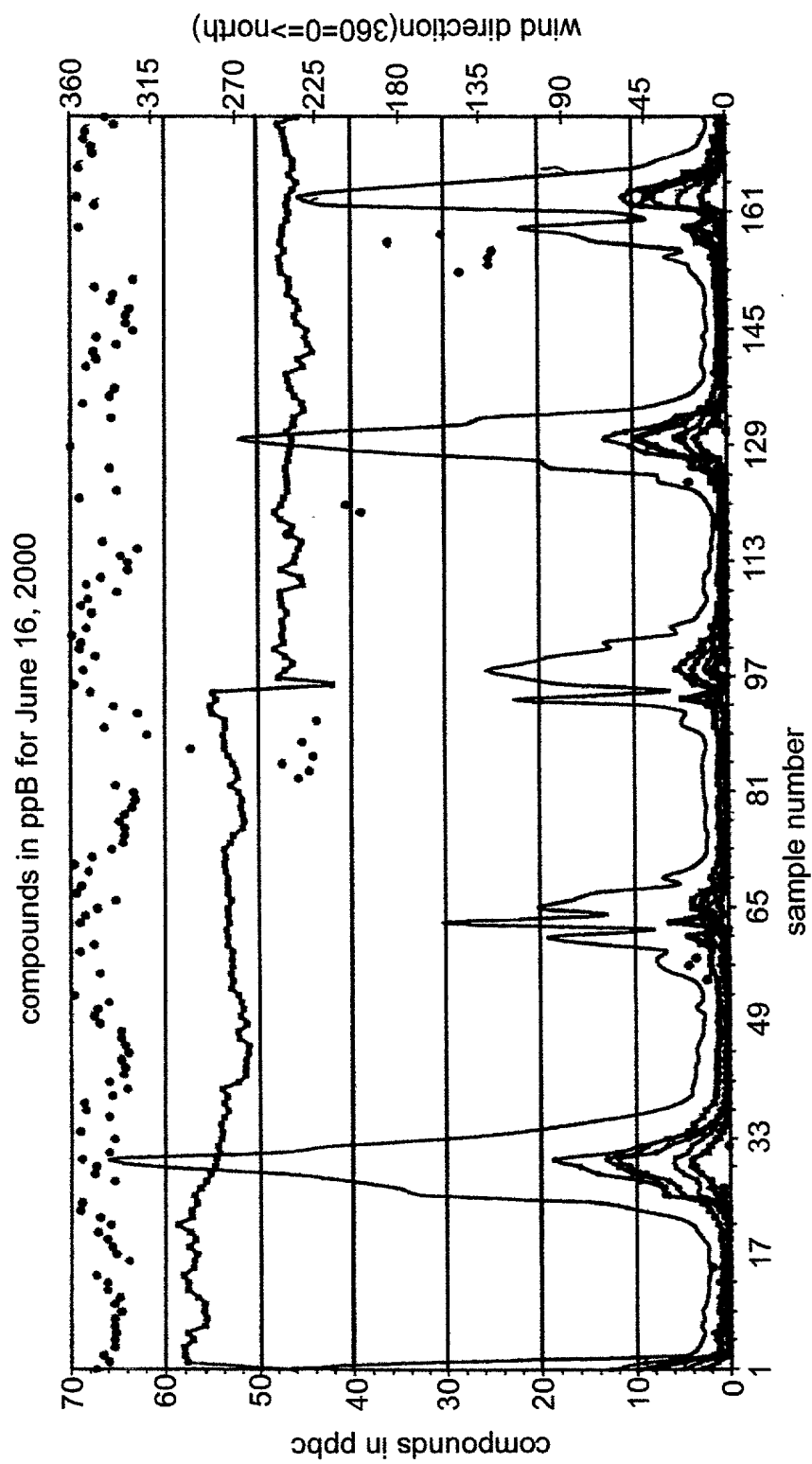


FIG. 48

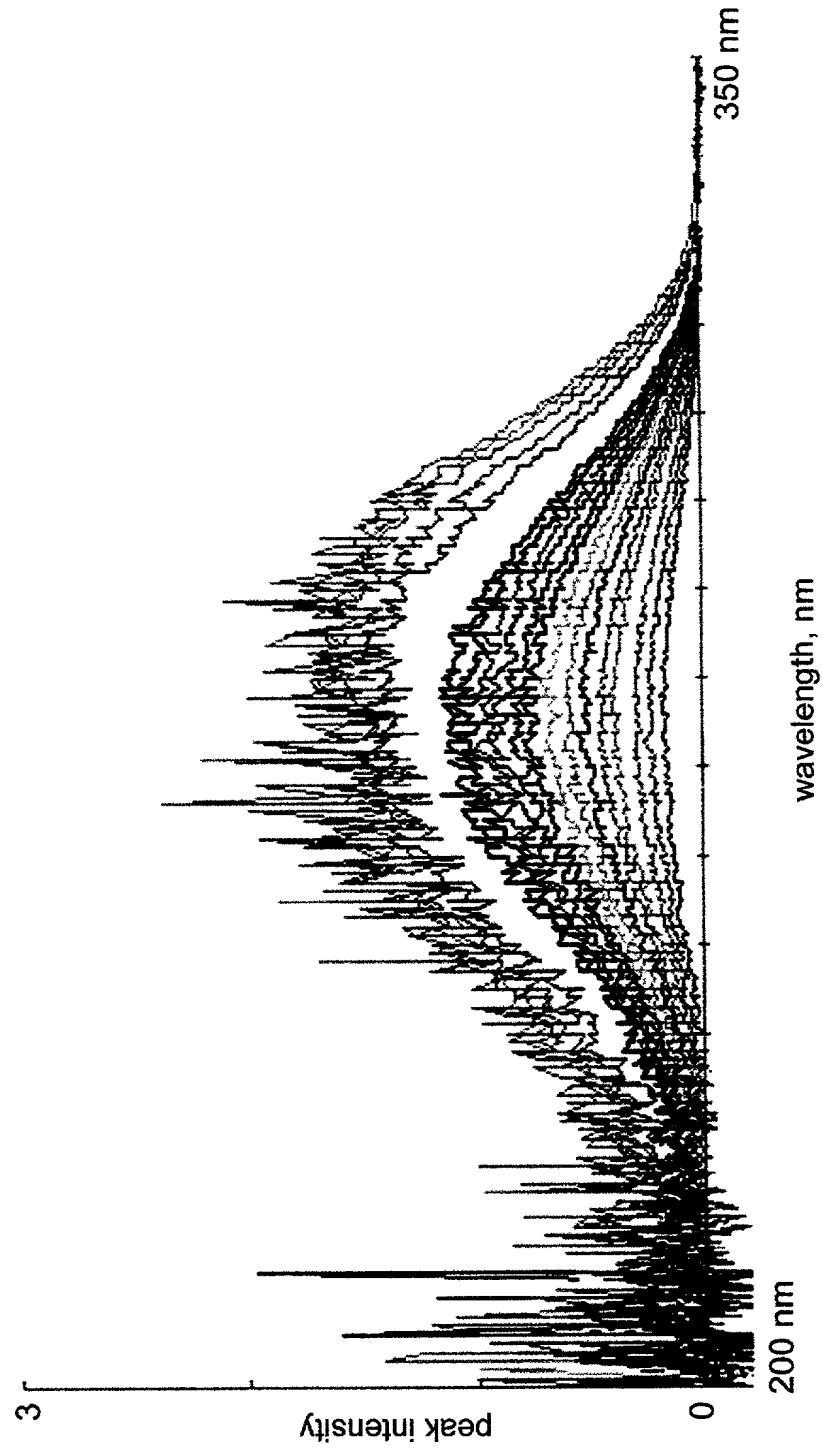


FIG. 49

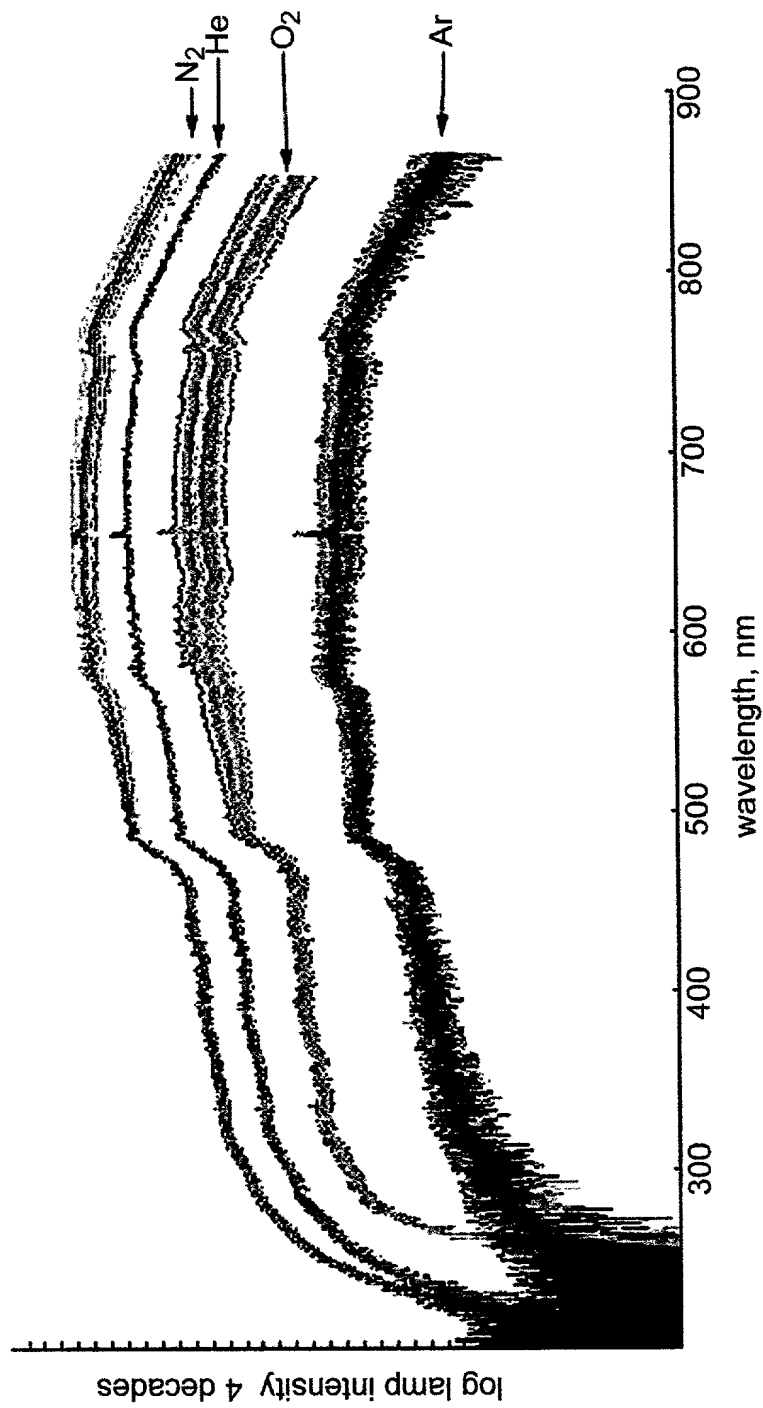


FIG. 50